

201250" 0550800T

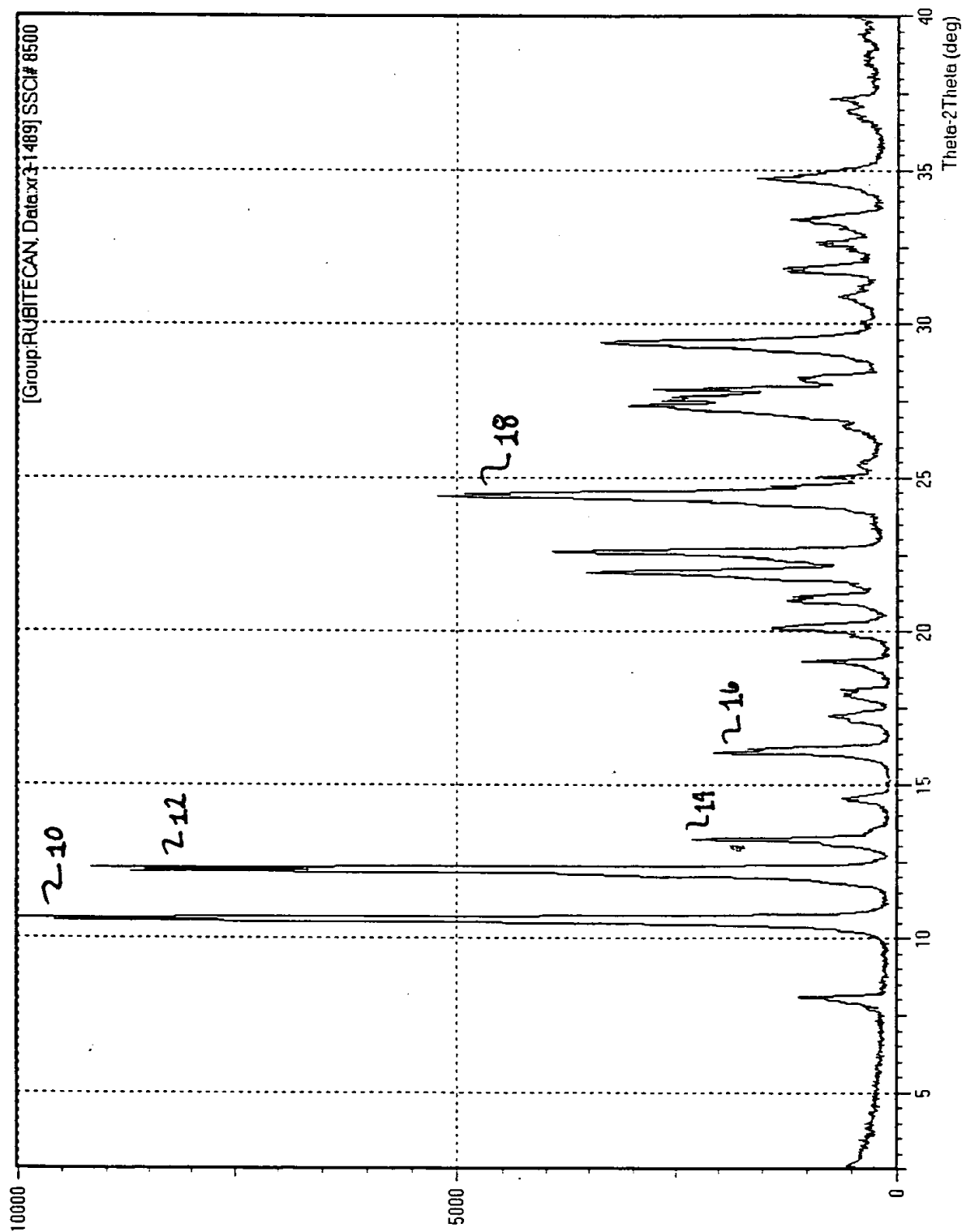


FIG. 1

201250" 0650303T

DSC (bottom) and TGA (top) of Rubitecan Form A.

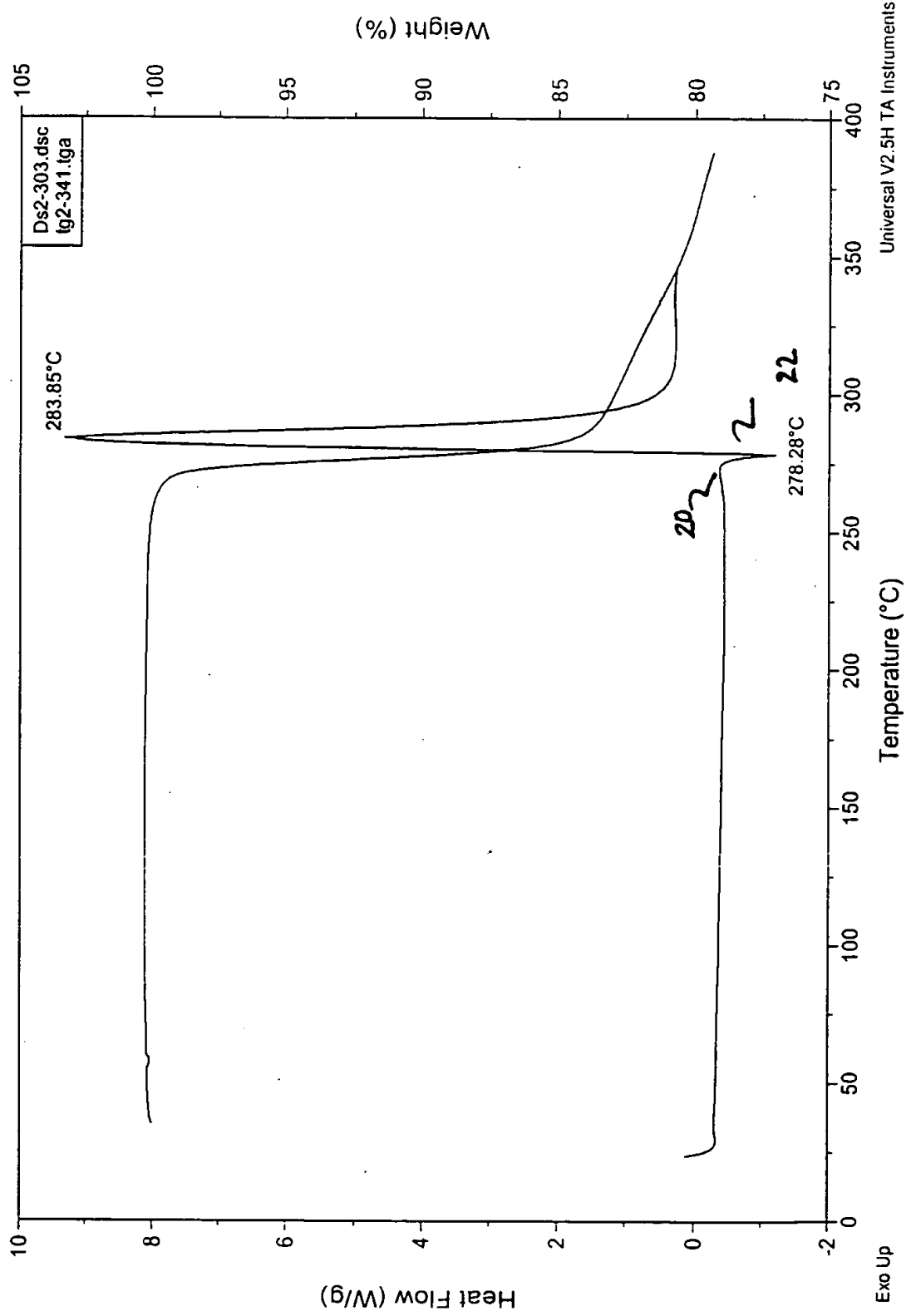


FIG 2

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:06:50 2000
 Number of sample scans: 128
 Number of background scans: 128
 Resolution: 2.000
 Sample gain: 8.0
 Mirror velocity: 0.6329
 Aperture: 69.00

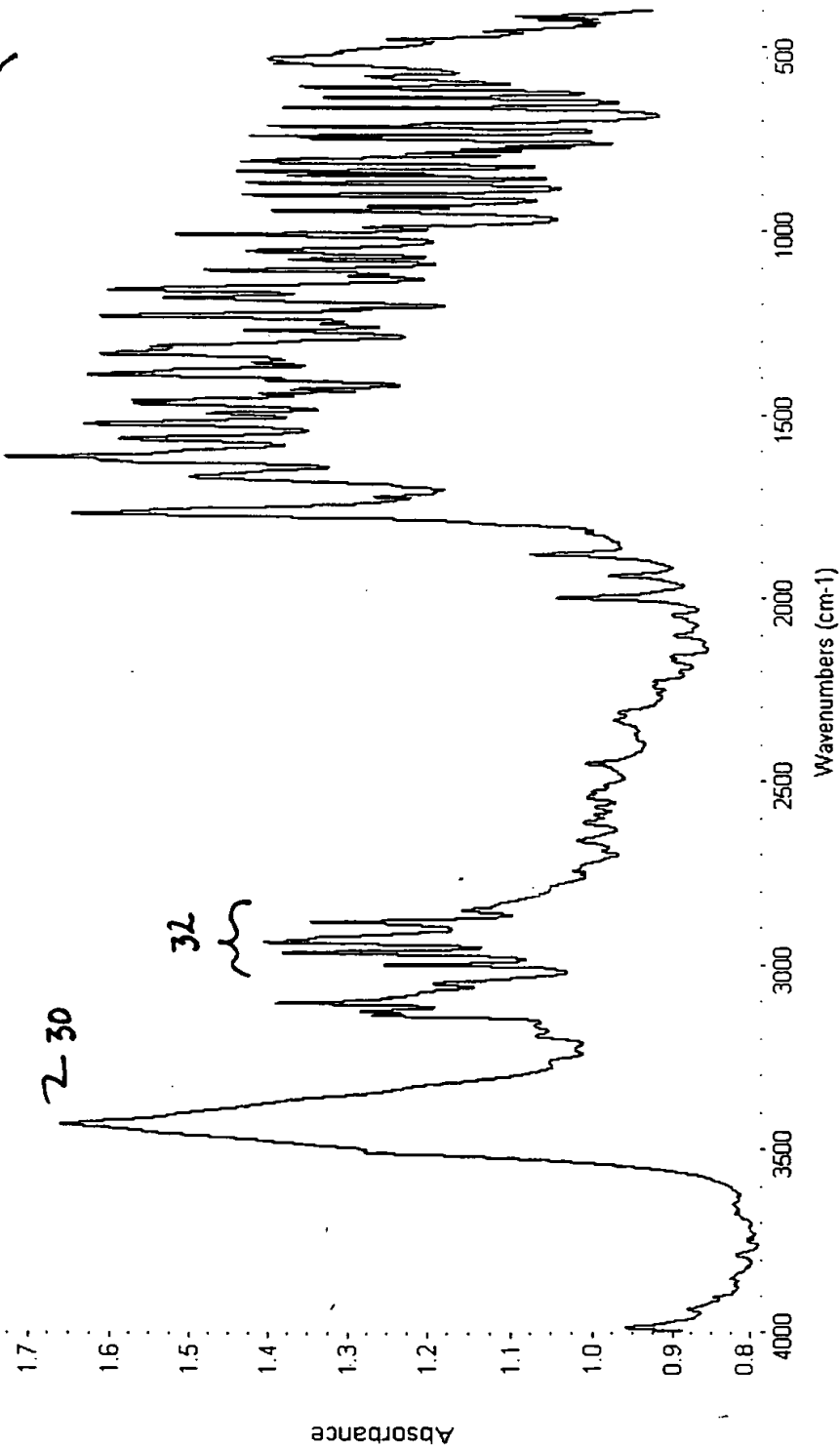


FIG. 3

201250" 02508007

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

Collection time: Sat Feb 26 20:43:15 2000
Number of sample scans: 128
Number of background scans: 0
Resolution: 4.000
Sample gain: 32.0
Mirror velocity: 0.3165
Aperture: 59.00

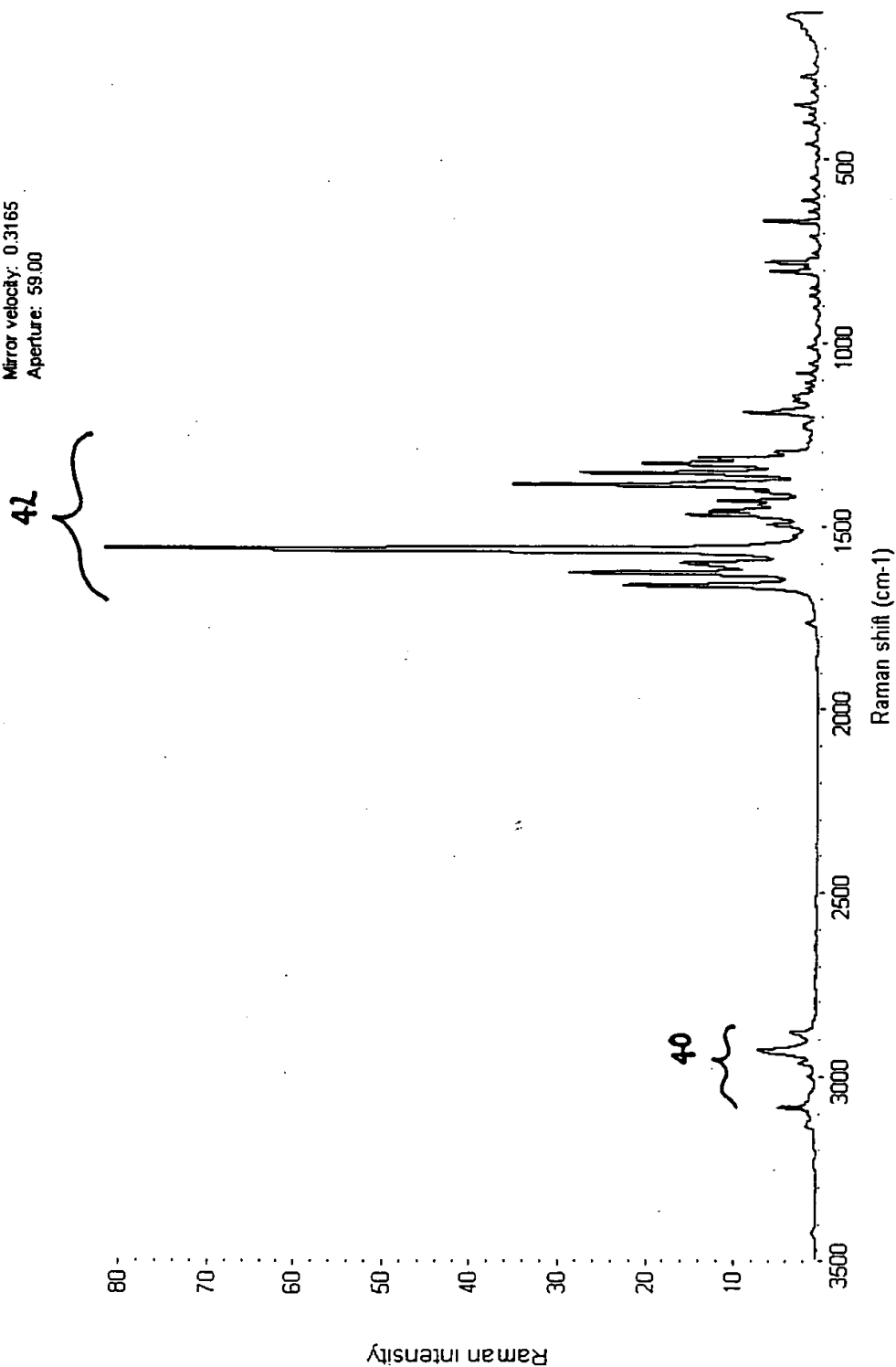


FIG-4

20120307 065800T

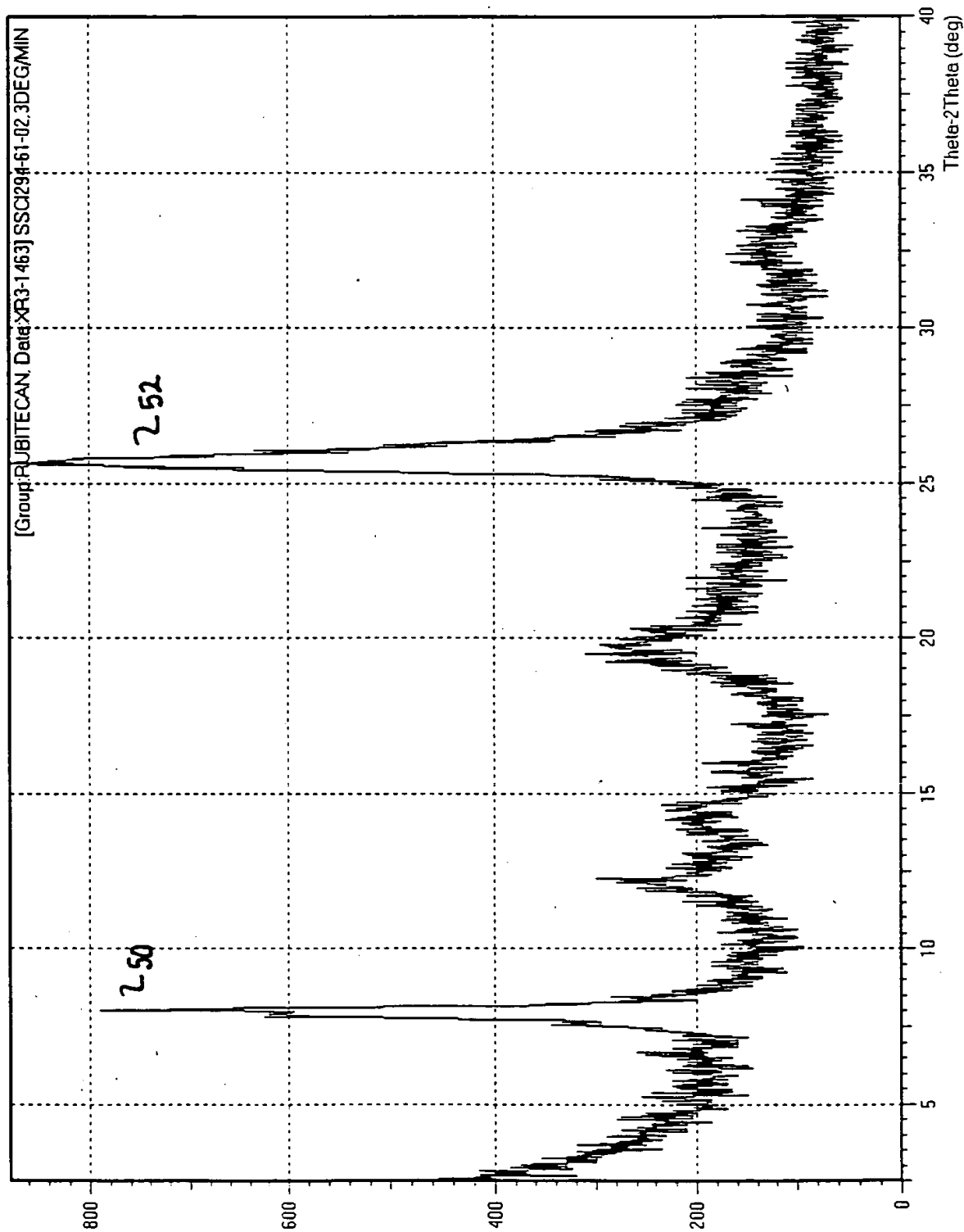


FIG. 5

DSC (bottom) and TGA (top) of Rubitecan Form B

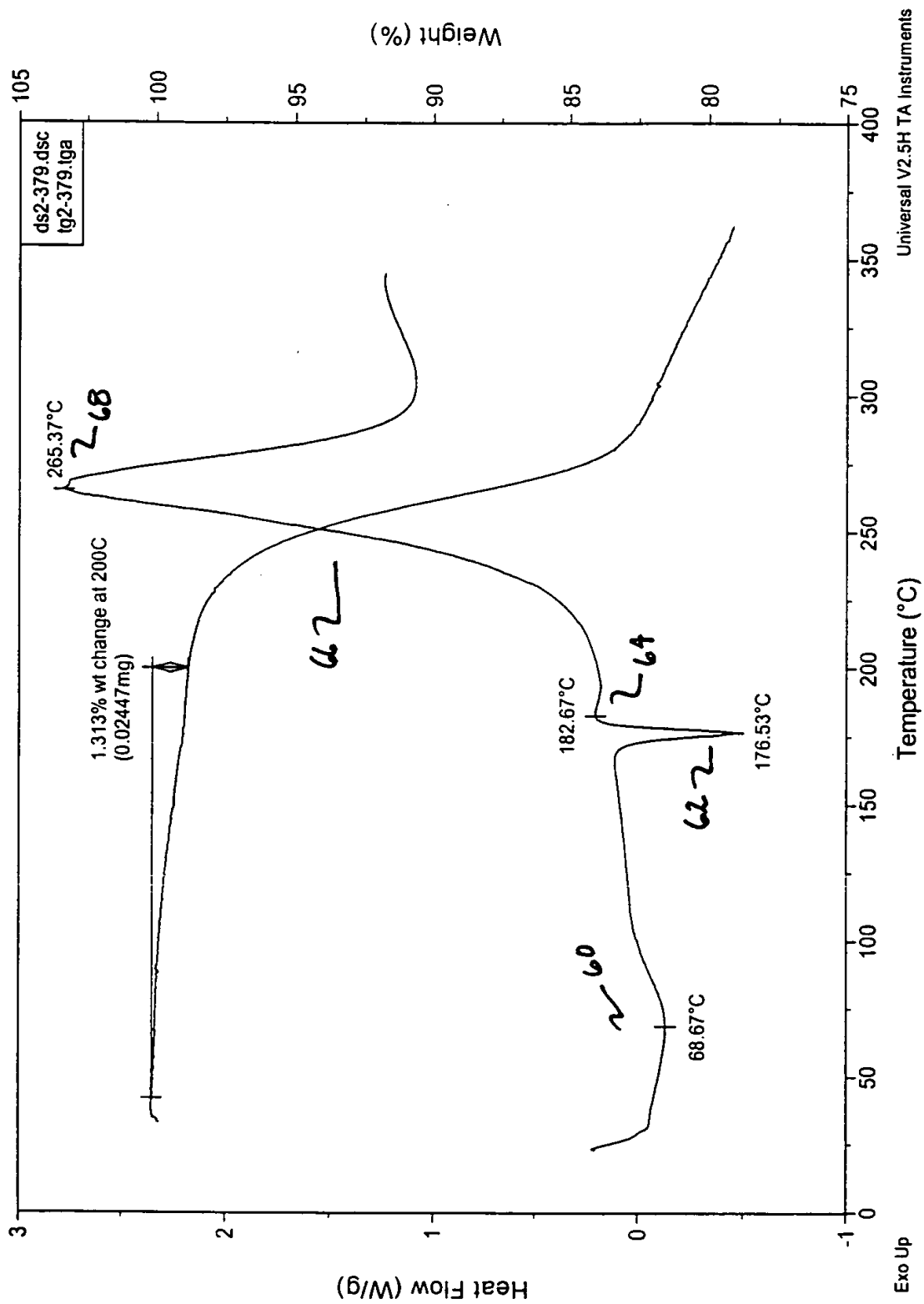


FIG. 6

[illegible]

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:31:51 2000
Number of sample scans: 128
Number of background scans: 128
Resolution: 2,000
Sample gain: 8.0
Mirror velocity: 0.6329
Aperture: 69.00

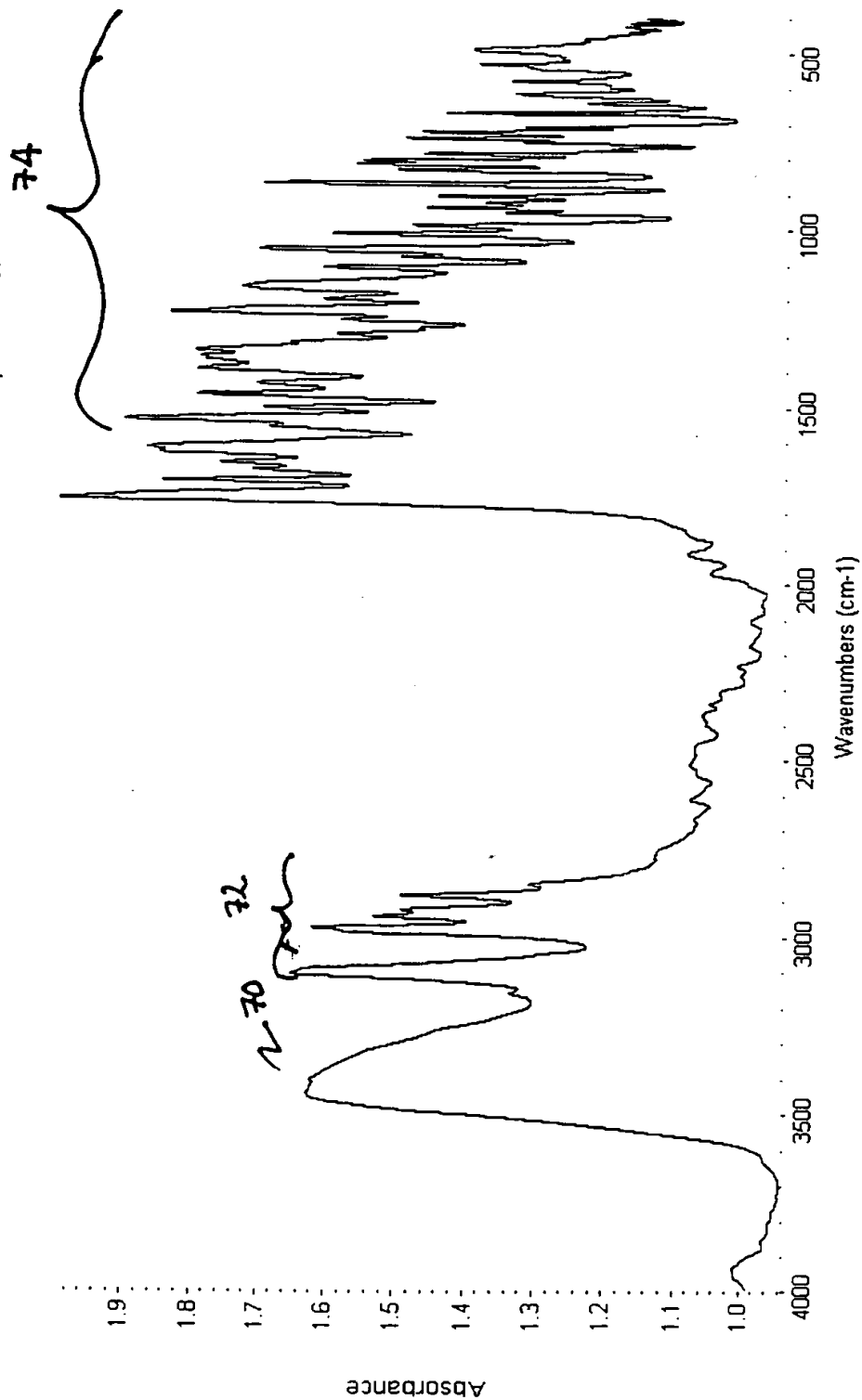


FIG.

7

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

Collection time: Sat Feb 26 21:08:40 2000

Number of sample scans: 128

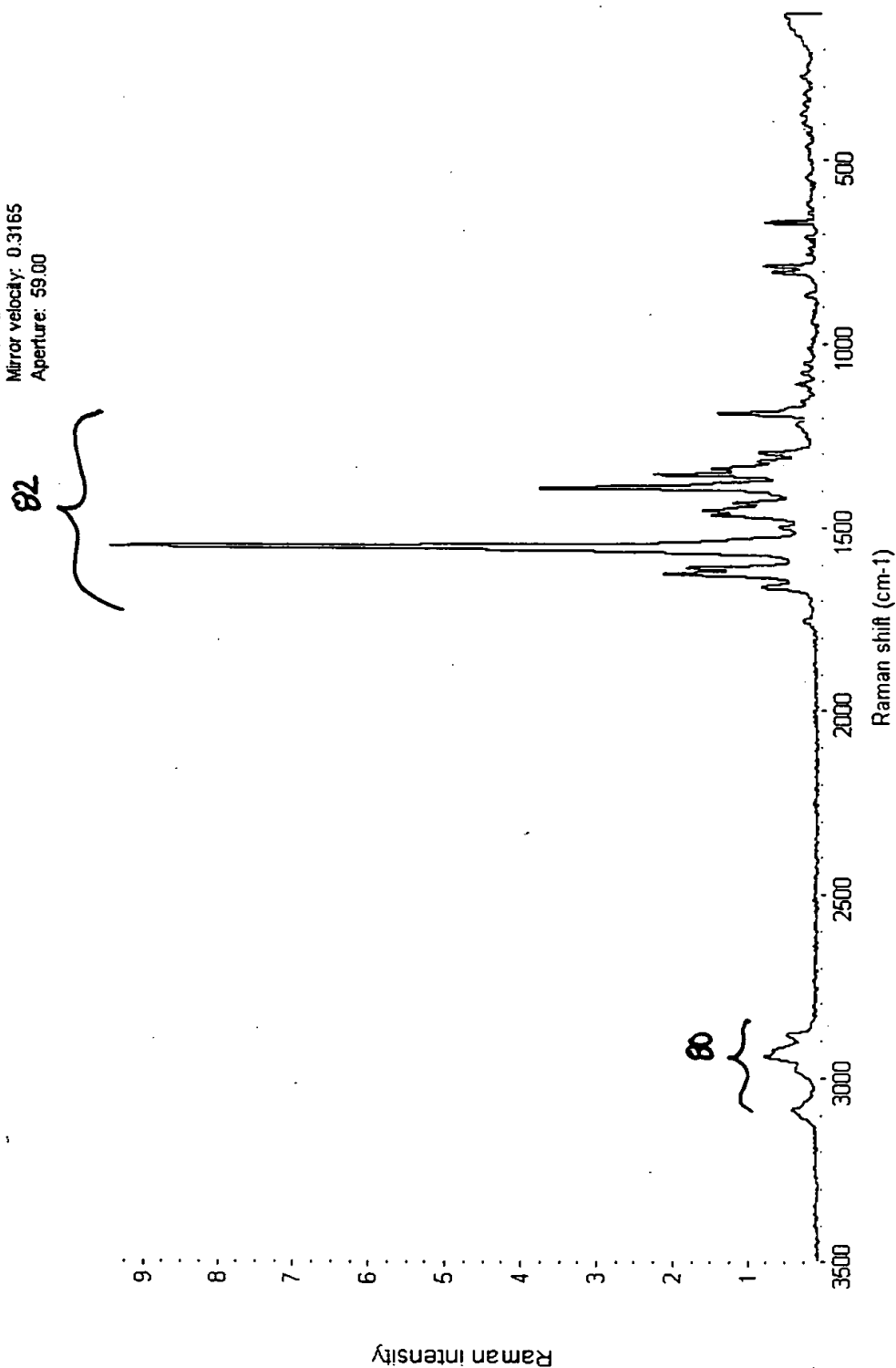
Number of background scans: 0

Resolution: 4,000.

Sample gain: 64.0

Mirror velocity: 0.3165

Aperture: 59.00



8

32

Raman shift (cm⁻¹)

FIG. 8

201250" 0650303F

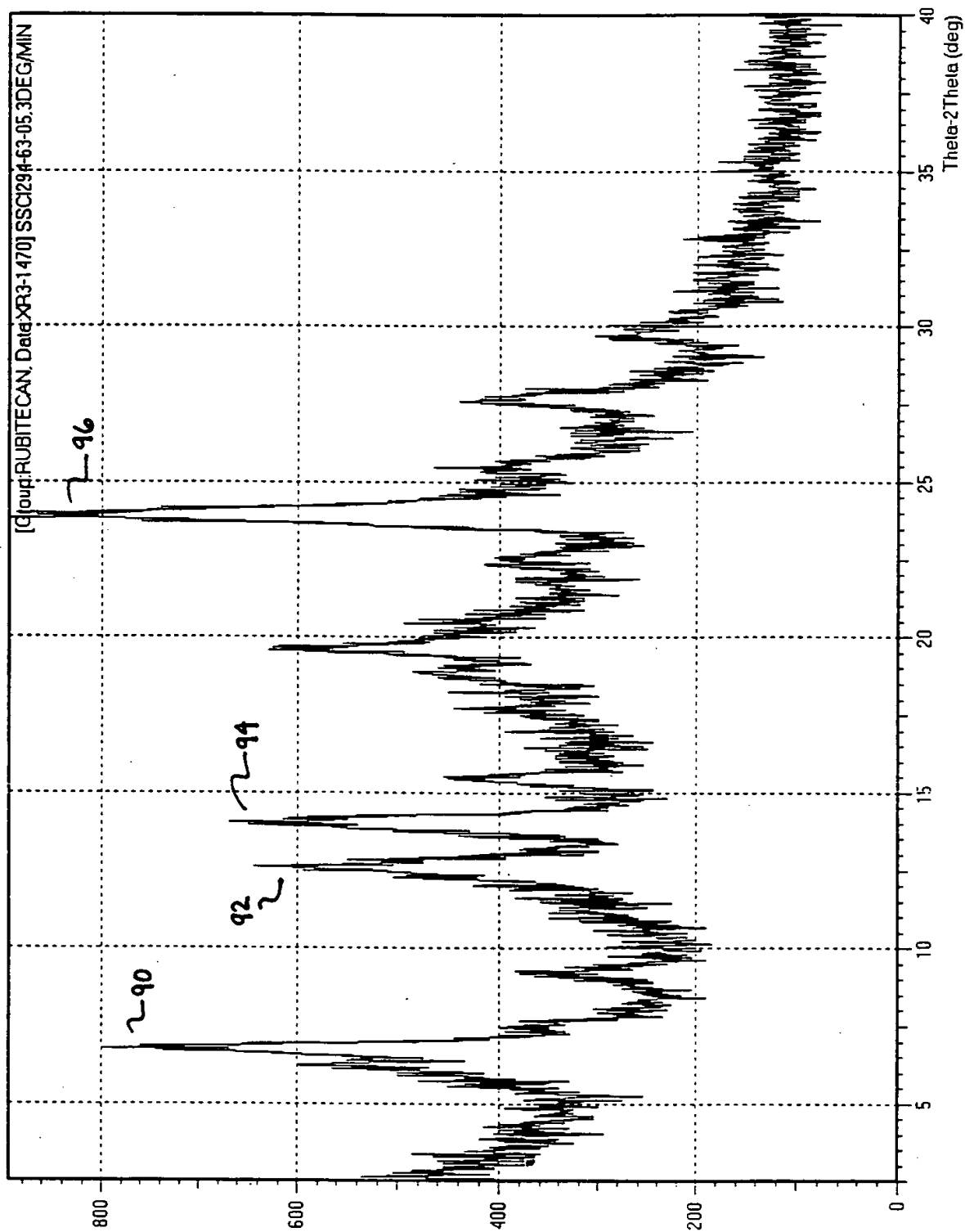
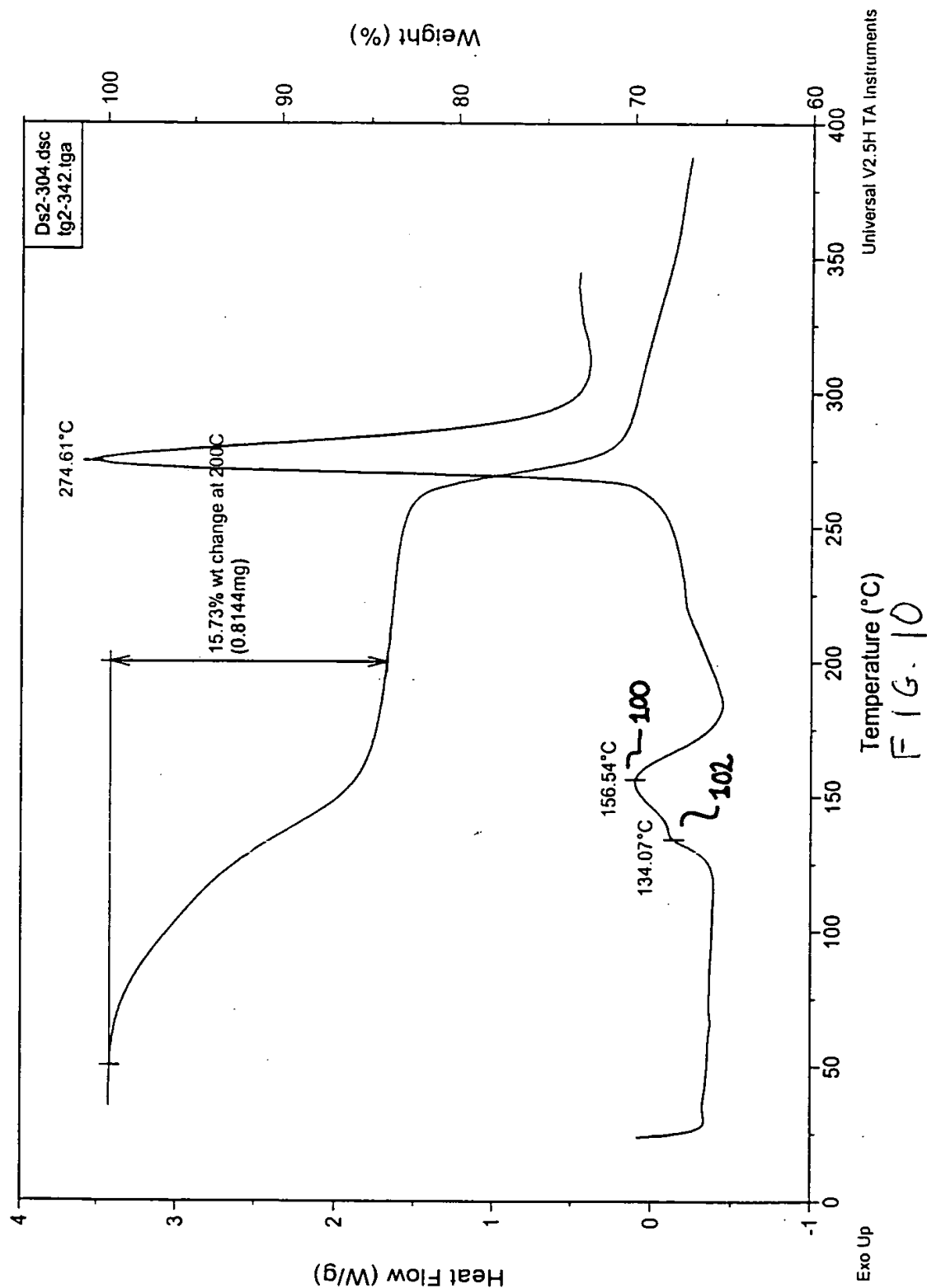


FIG. 9

DSC (bottom) and TGA (top) of Rubitecan Form C.



IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:40:03 2000
 Number of sample scans: 128
 Number of background scans: 128
 Resolution: 2.000
 Sample gain: 8.0
 Mirror velocity: 0.6329
 Aperture: 69.00

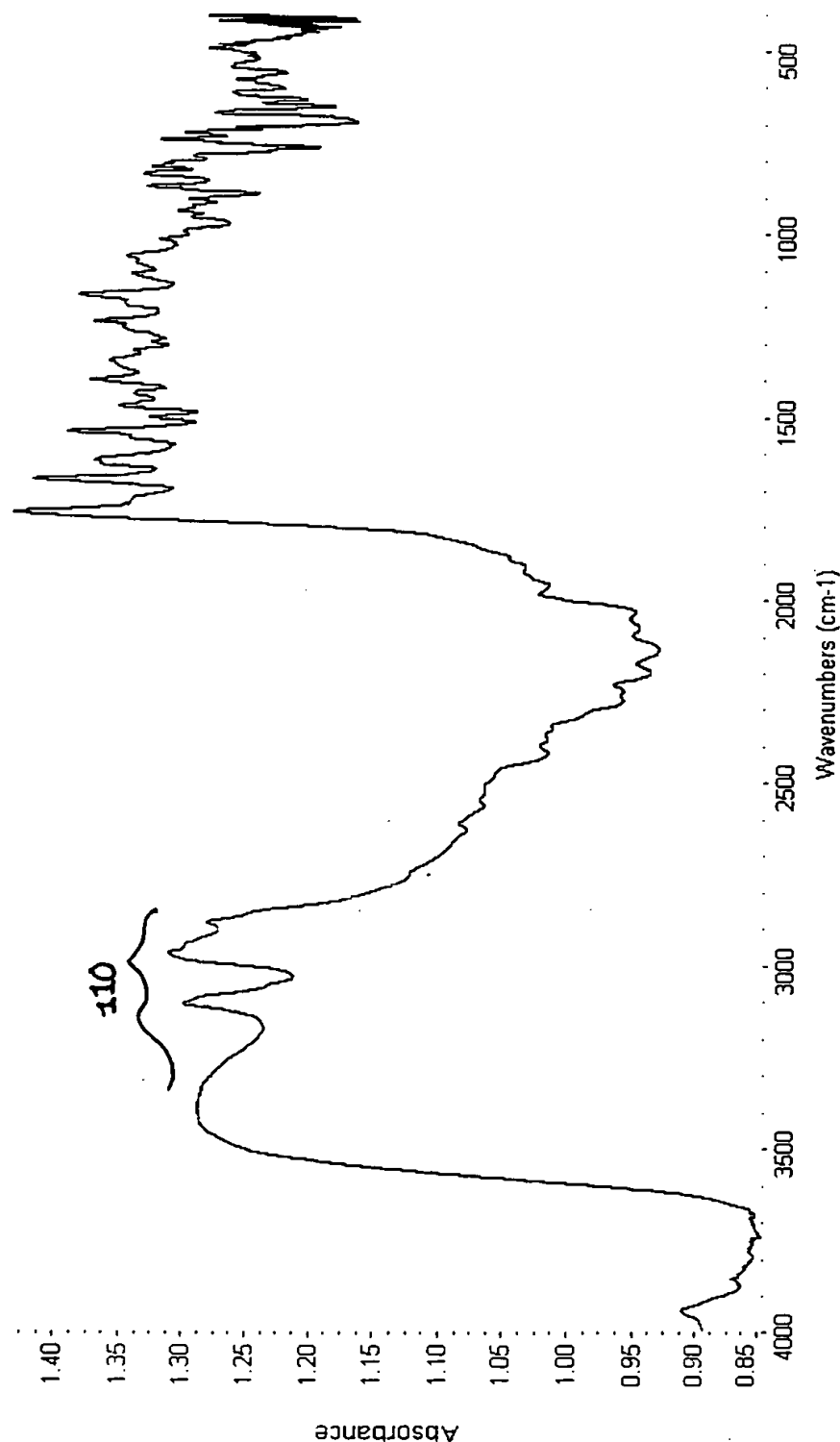


FIG. 11

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

Collection time: Sat Feb 26 21:02:29 2000
 Number of sample scans: 128
 Number of background scans: 0
 Resolution: 4.000
 Sample gain: 64.0
 Mirror velocity: 0.3165
 Aperture: 59.00

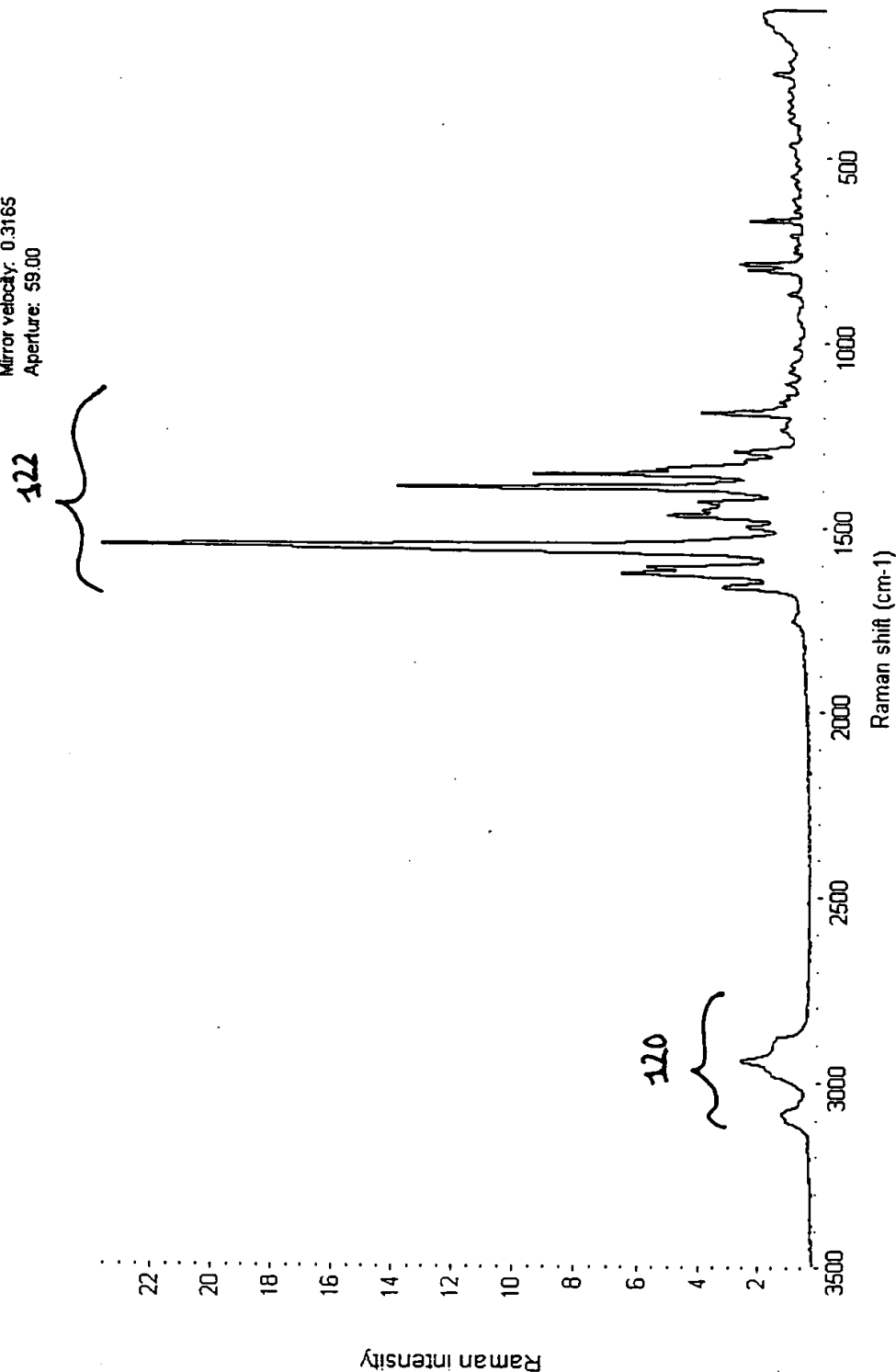


FIG. 12

2017-03-03 09:00:00

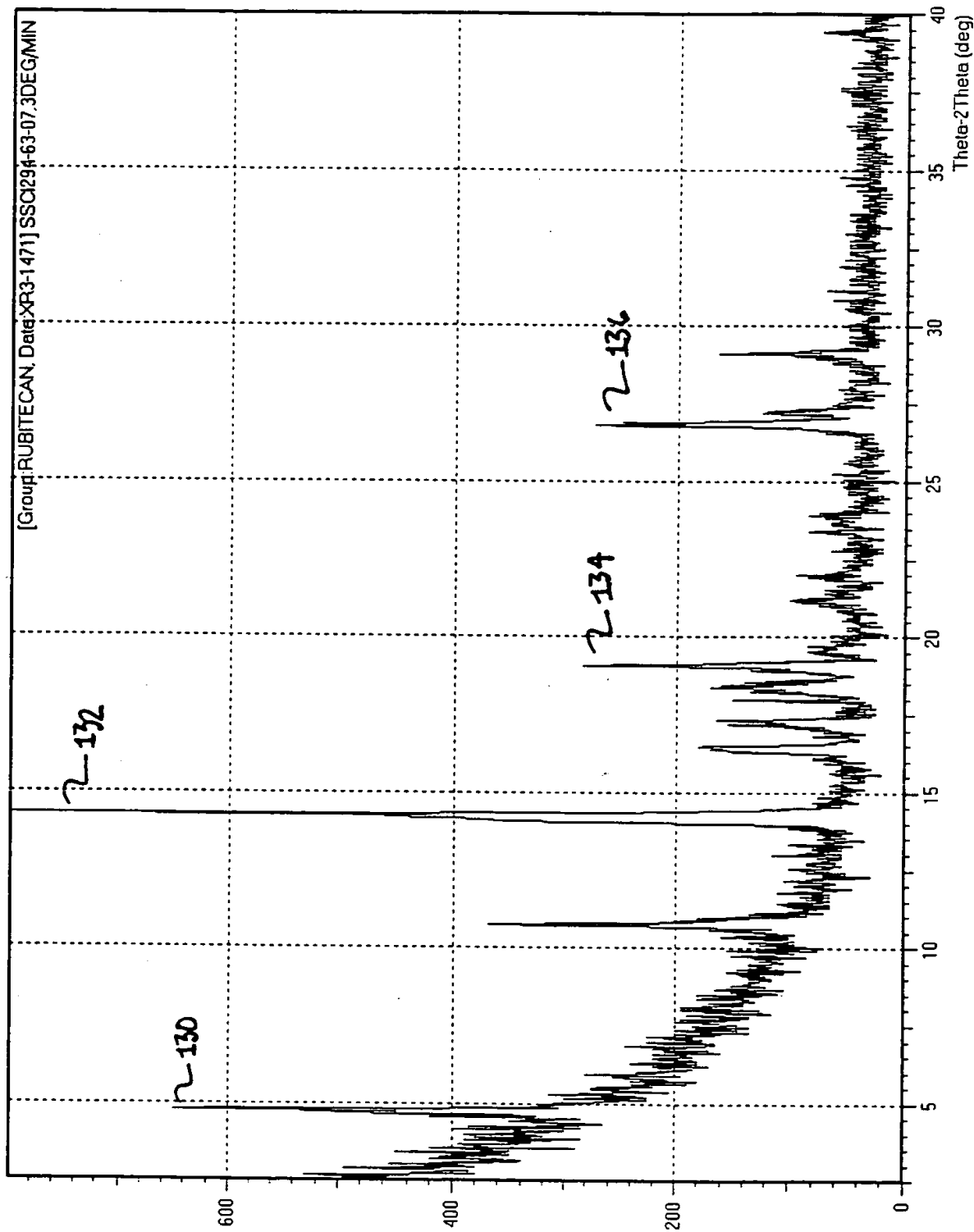


FIG. 13

DSC (bottom) and TGA (top) of Rubitecan Form D.

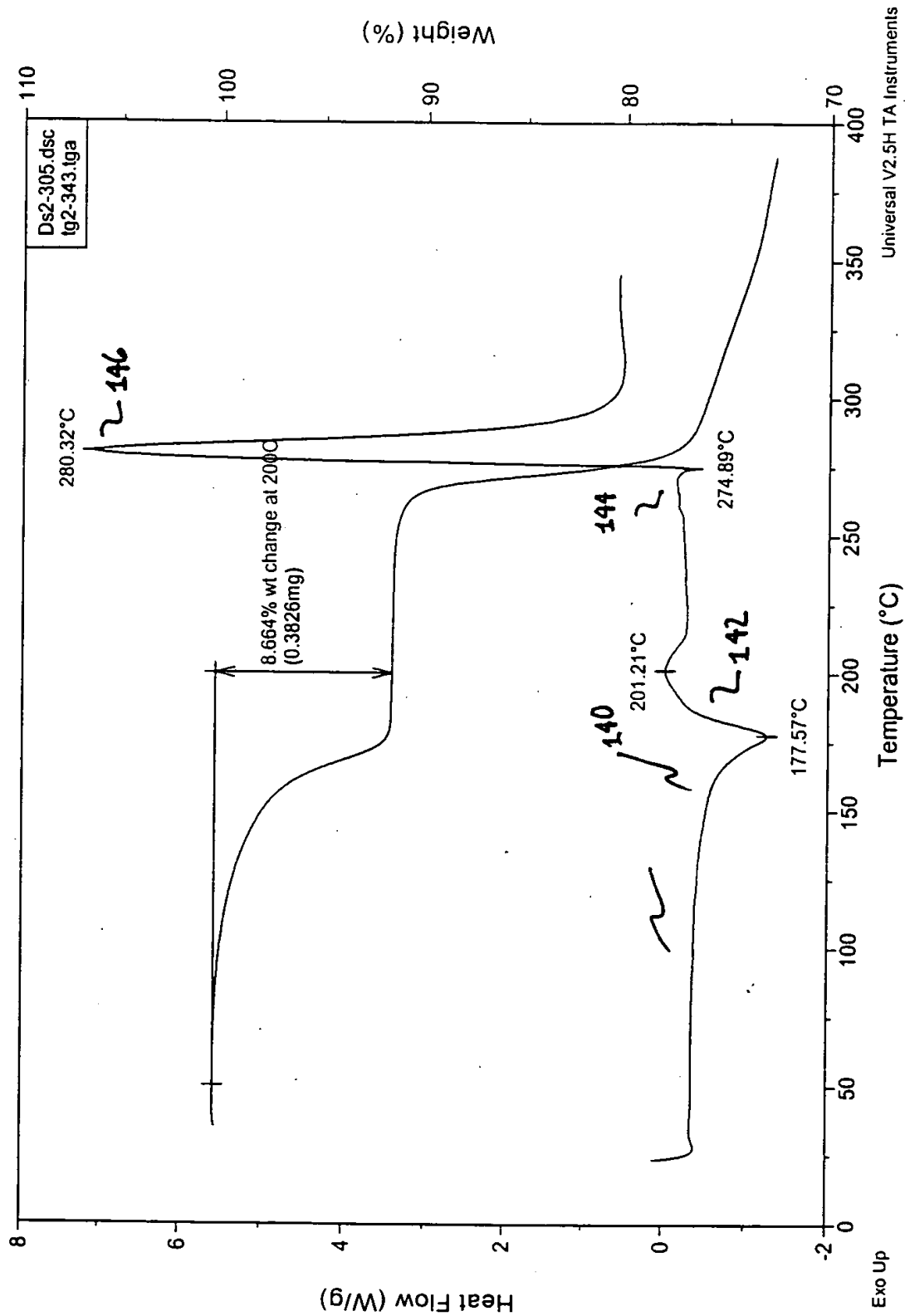


FIG. 14

2000 1500 1000 500

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:22:39 2000
Number of sample scans: 128
Number of background scans: 8
Resolution: 2.000
Sample gain: 8.0
Mirror velocity: 0.6329
Aperture: 69.00

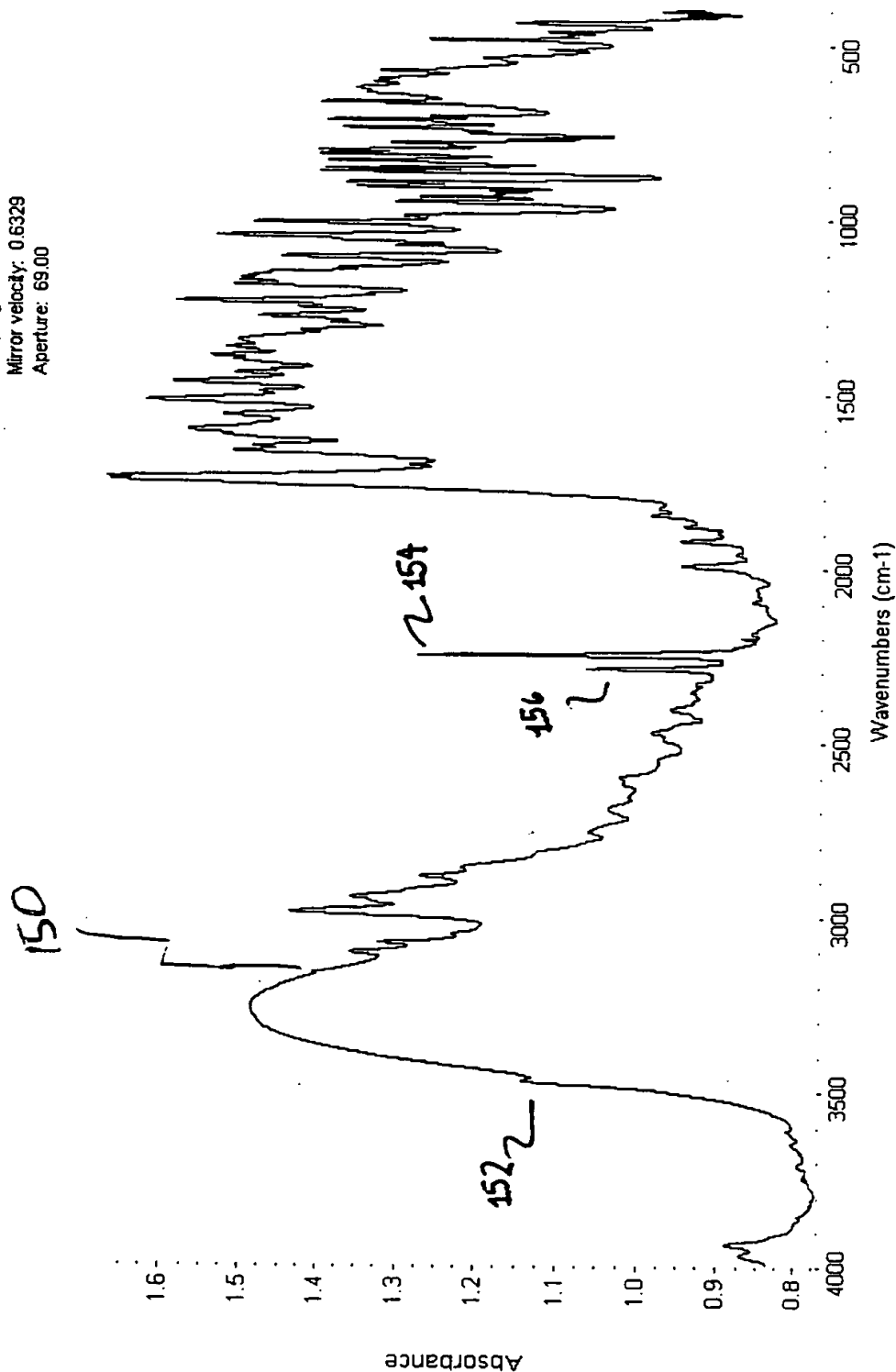


FIG. 15

Acquisition Parameters

Collection time: Sat Feb 26 20:49:39 2000
Number of sample scans: 128
Number of background scans: 0
Resolution: 4 000
Sample gain: 64.0
Mirror velocity: 0.3165
Aperture: 59.00

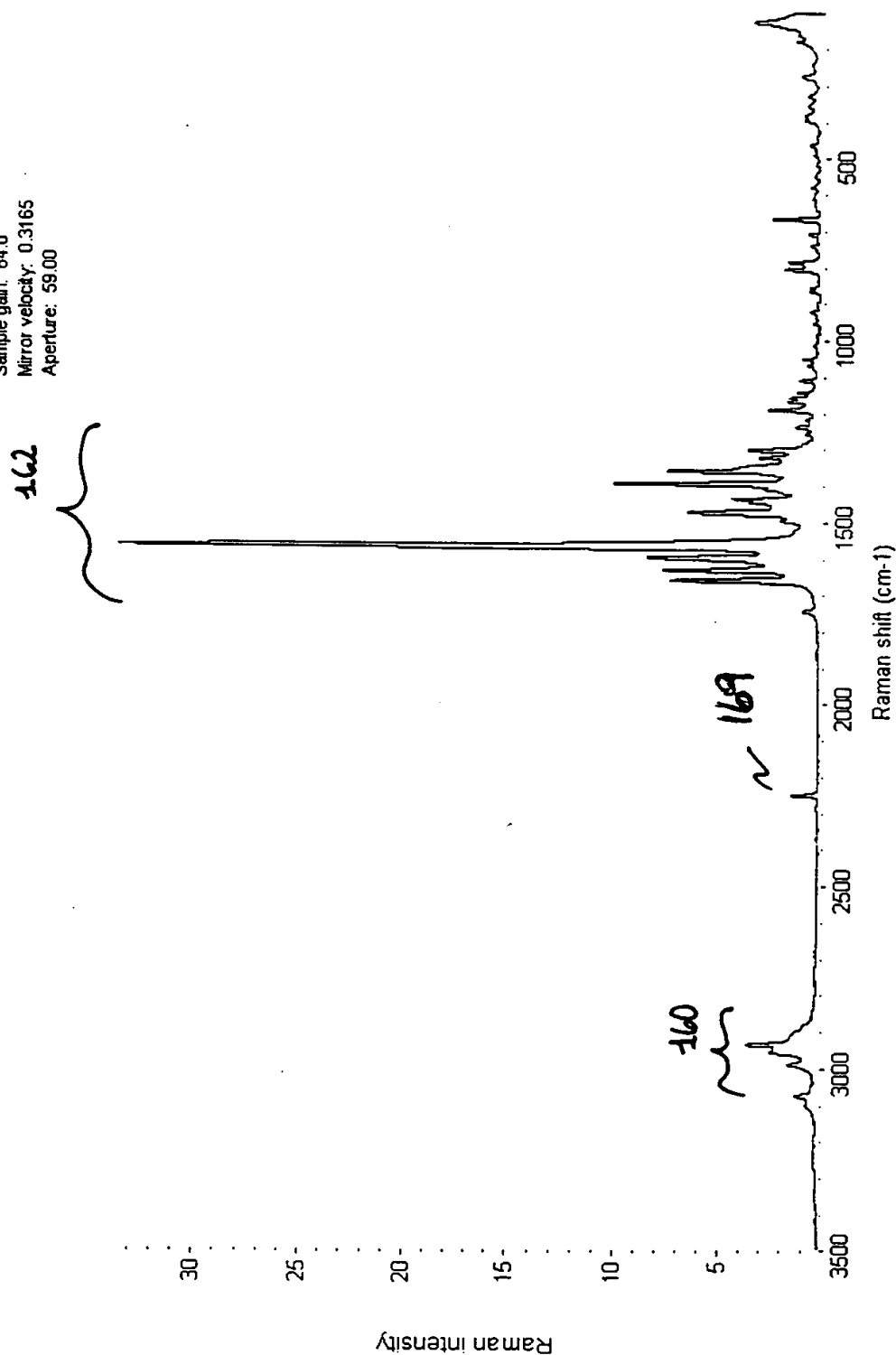


FIG. 16

2000 1500 1000 500 0

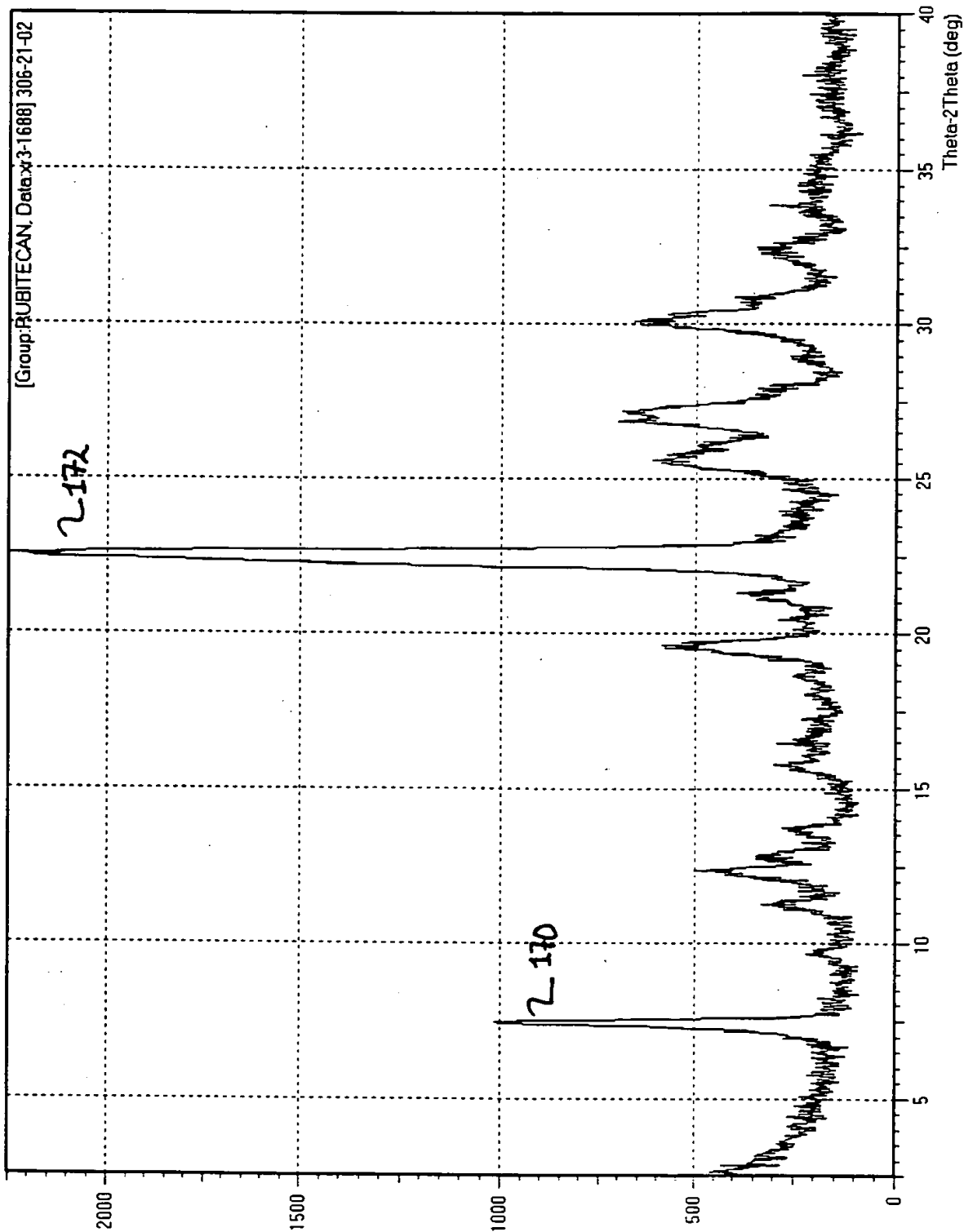
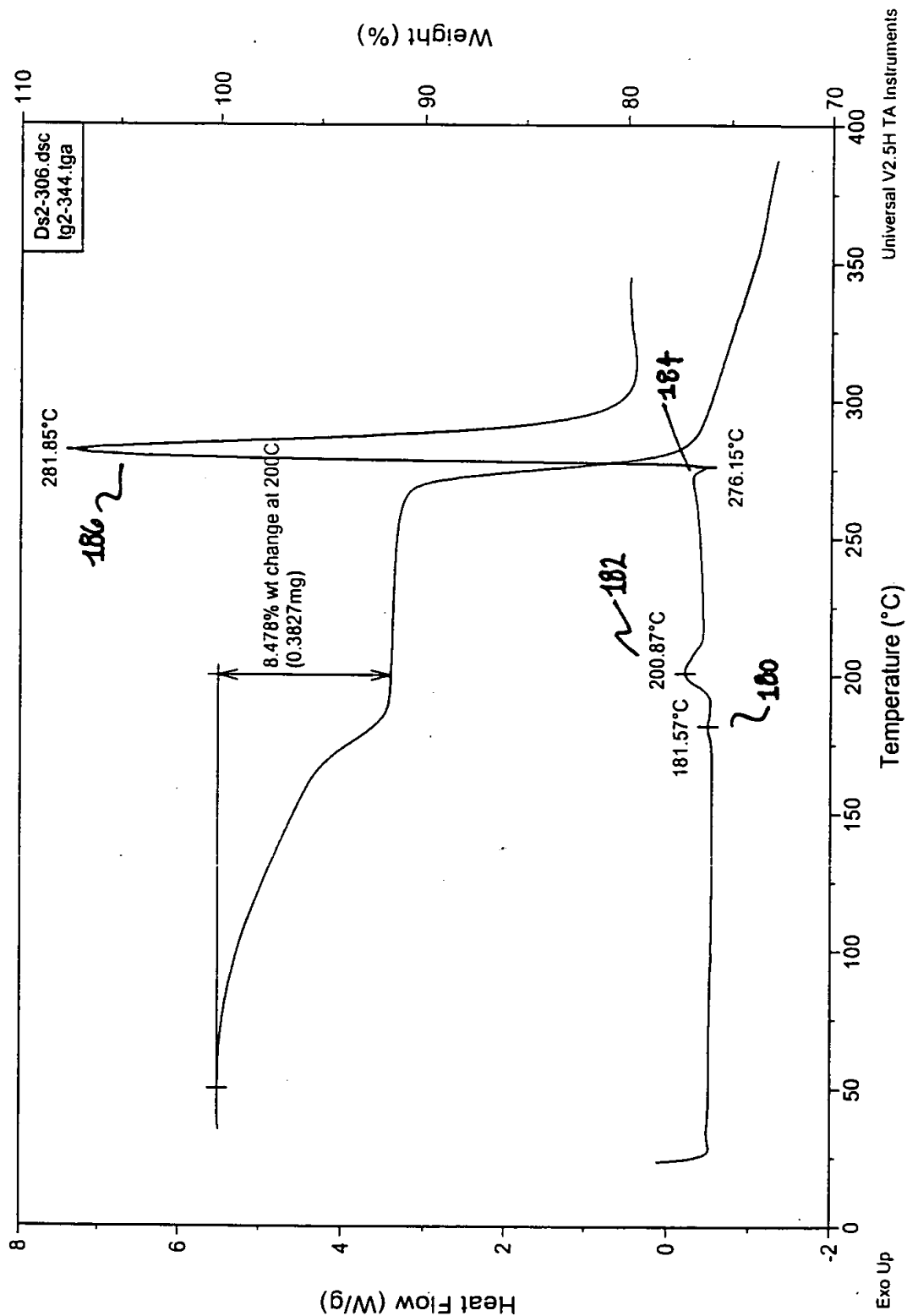


FIG. 17

20120303 "025030303"

DSC (bottom) and TGA (top) of Rubitecan Form E.



Universal V2.5H TA Instruments

FIG. 18

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:14:49 2000
 Number of sample scans: 128
 Number of background scans: 128
 Resolution: 2.000
 Sample gain: 8.0
 Mirror velocity: 0.6329
 Aperture: 69.00

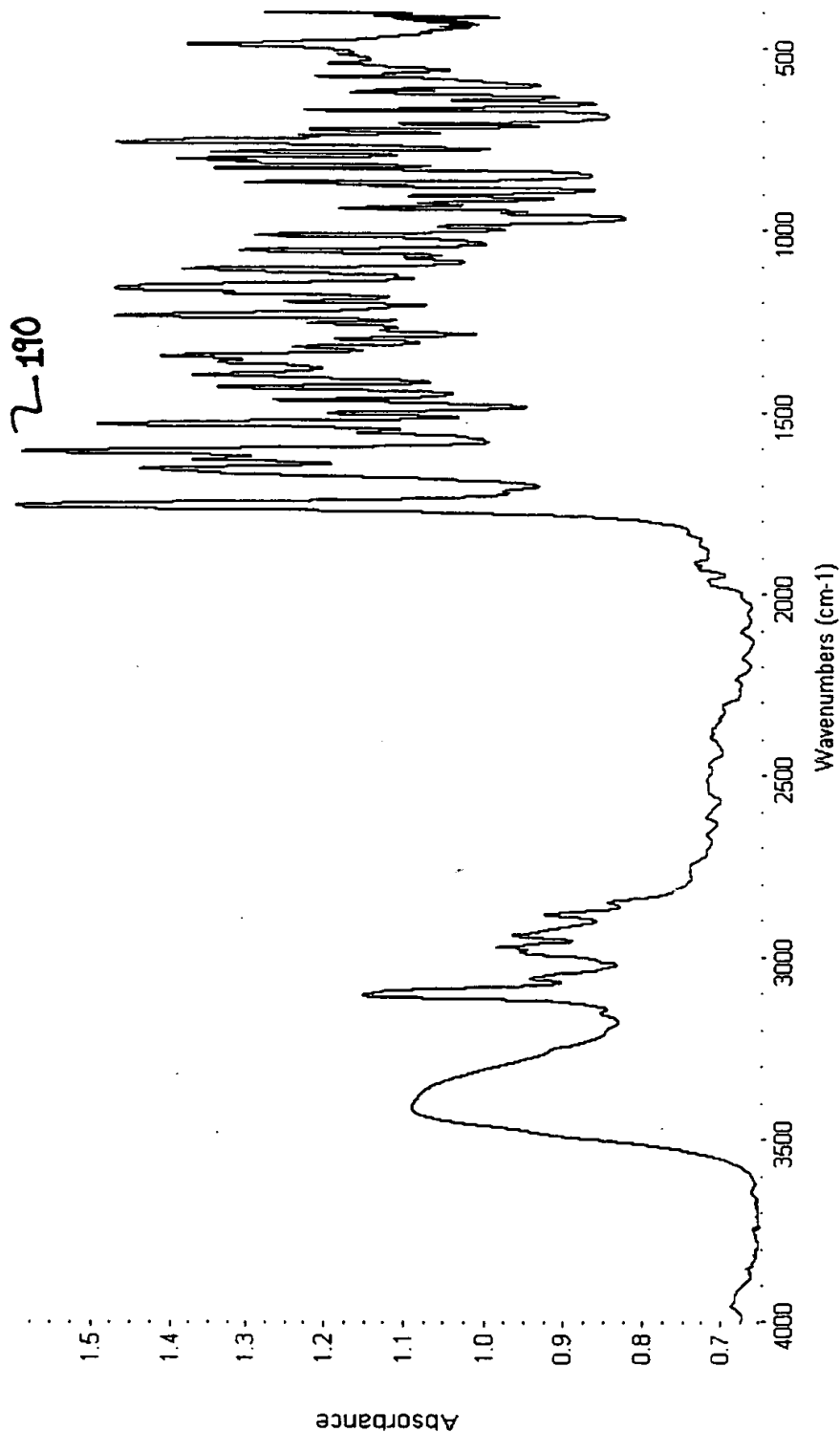


FIG. 19

207250" 06503337

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

Collection time: Sat Feb 26 20:55:54 2000
Number of sample scans: 128
Number of background scans: 0
Resolution: 4.000
Sample gain: 64.0
Mirror velocity: 0.3165
Aperture: 59.00

202

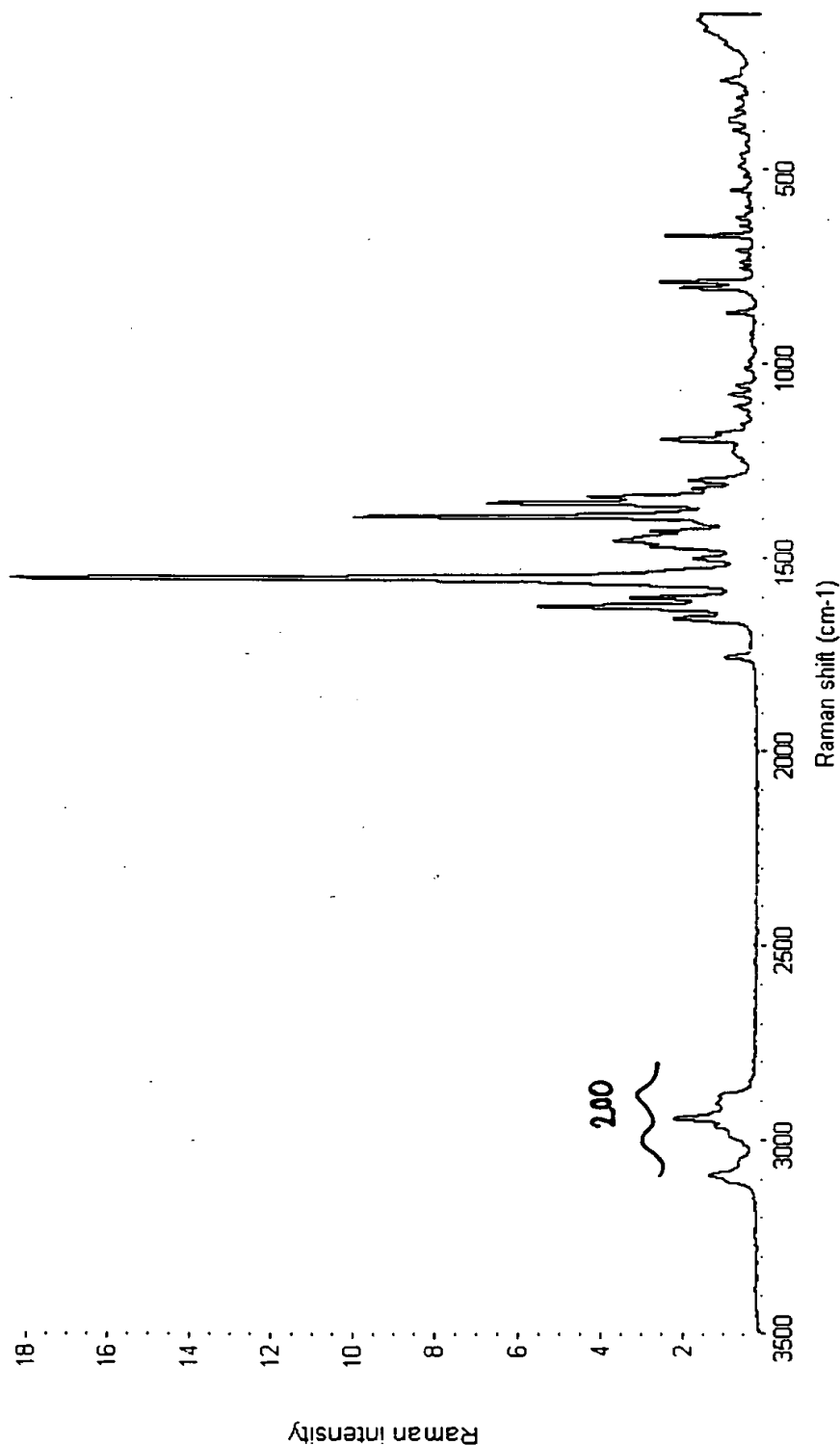


FIG. 20

237250 065000 F

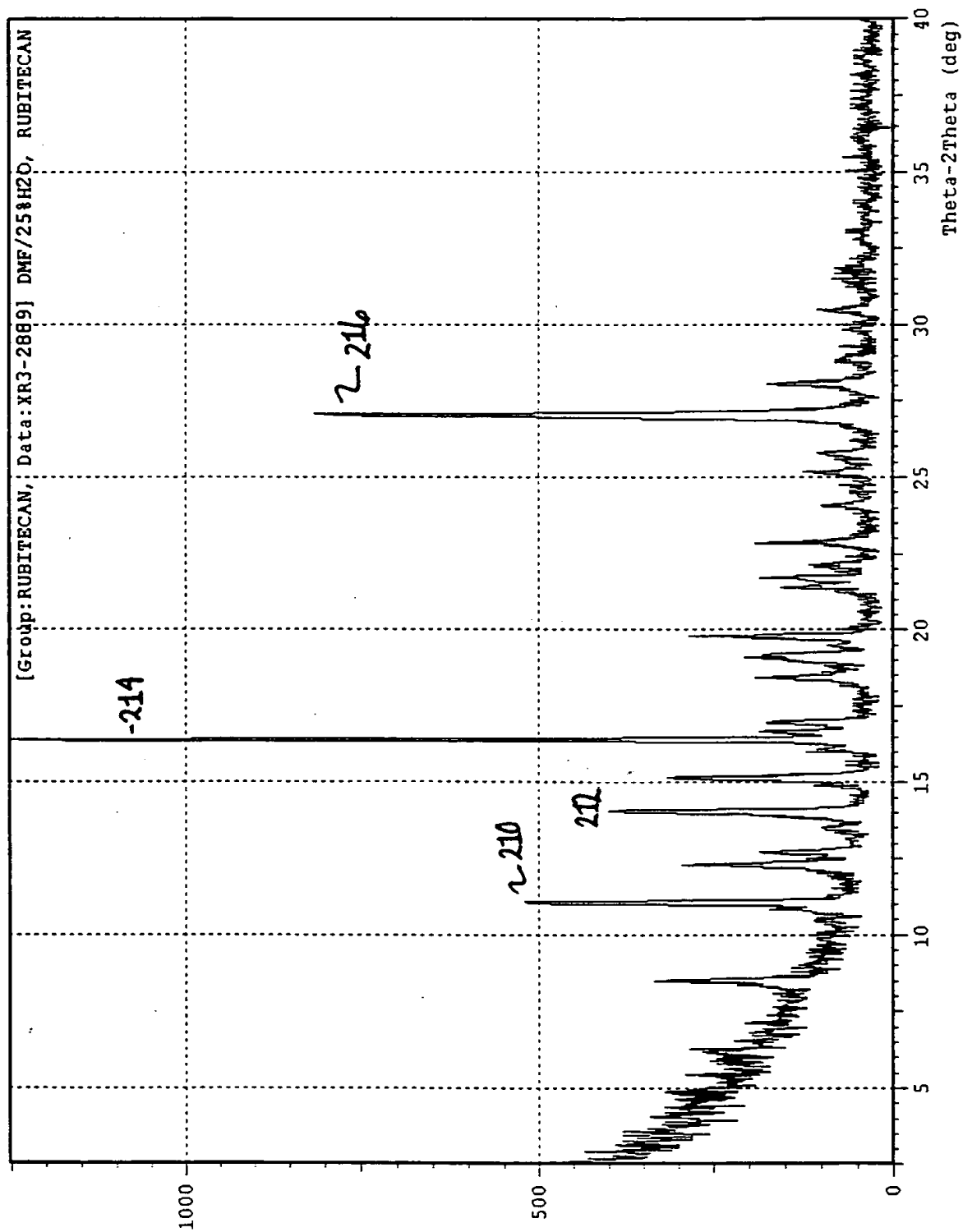


FIG. 21

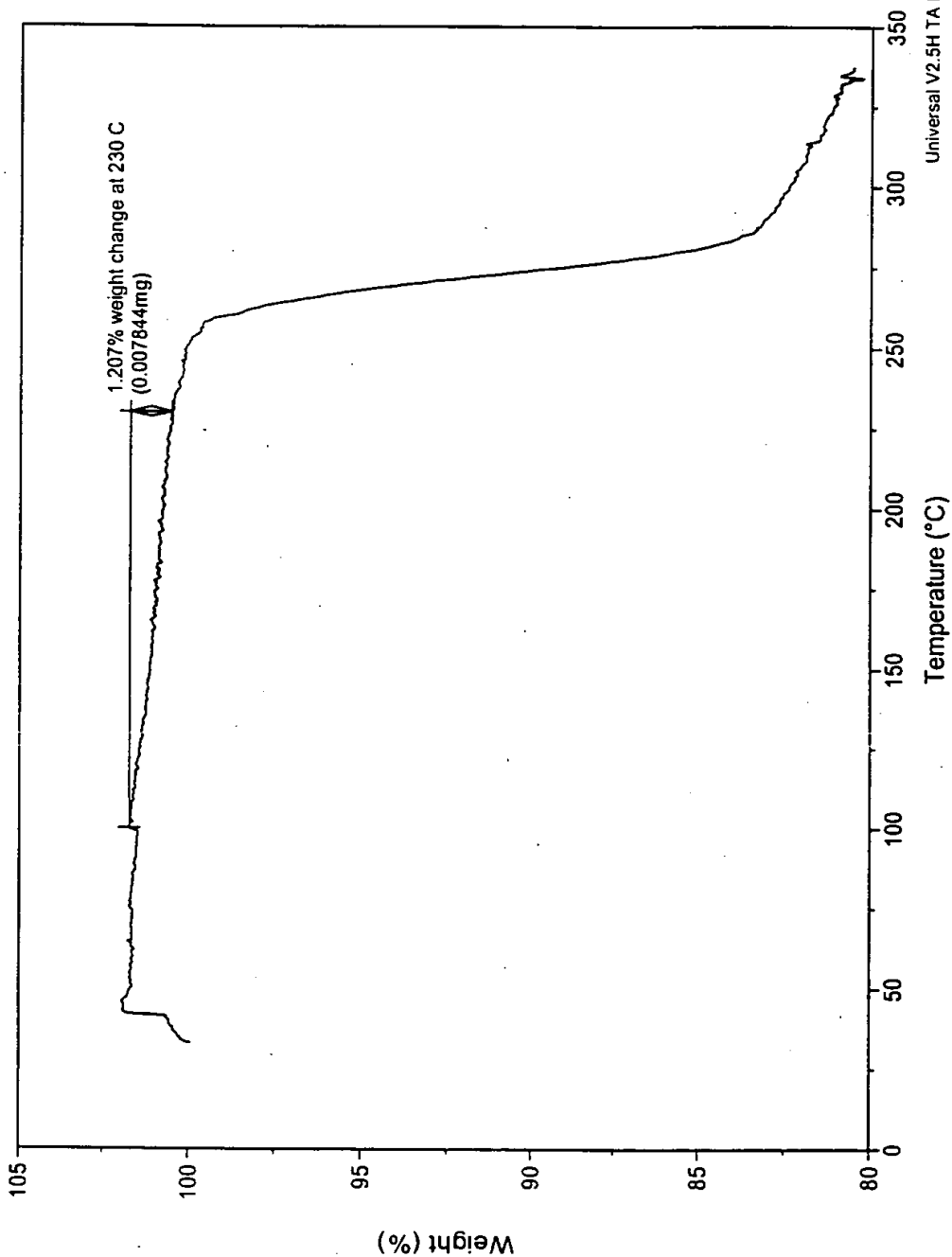
2017-2-20 09:00:00

TGA of Rubitecan Form F.

Sample: RUBITECAN
Size: 0.6500 mg
Method: RUBITECAN
Comment: SSCl# 3131902, DMF/25%H2O, A VS C, NTBK 270-62

TGA

File: D:\...ldscgallg2-378.tga
Operator: BAC
Run Date: 4-Apr-00 10:07



Universal V2.5H TA Instruments

FIG. 22

201250 "SECRET"

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Thu May 11 12:56:27 2000
Number of sample scans: 256
Number of background scans: 256
Resolution: 4.000
Sample gain: 8.0
Mirror velocity: 0.6329
Aperture: 100.00

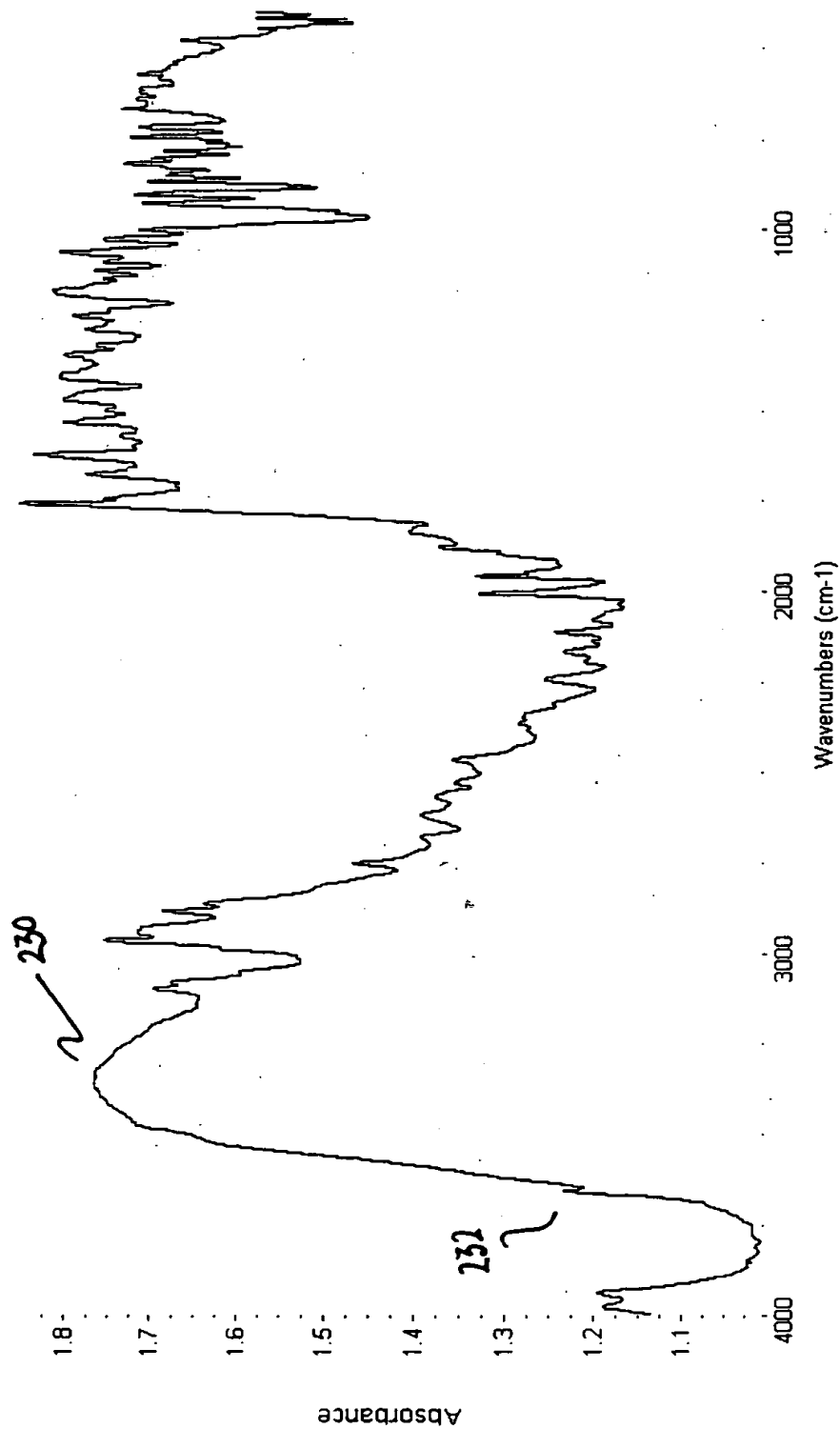


FIG. 23

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

Collection time: Thu May 11 13:32:48 2000
 Number of sample scans: 128
 Number of background scans: 0
 Resolution: 4.000
 Sample gain: 32.0
 Mirror velocity: 0.3165
 Aperture: 59.00

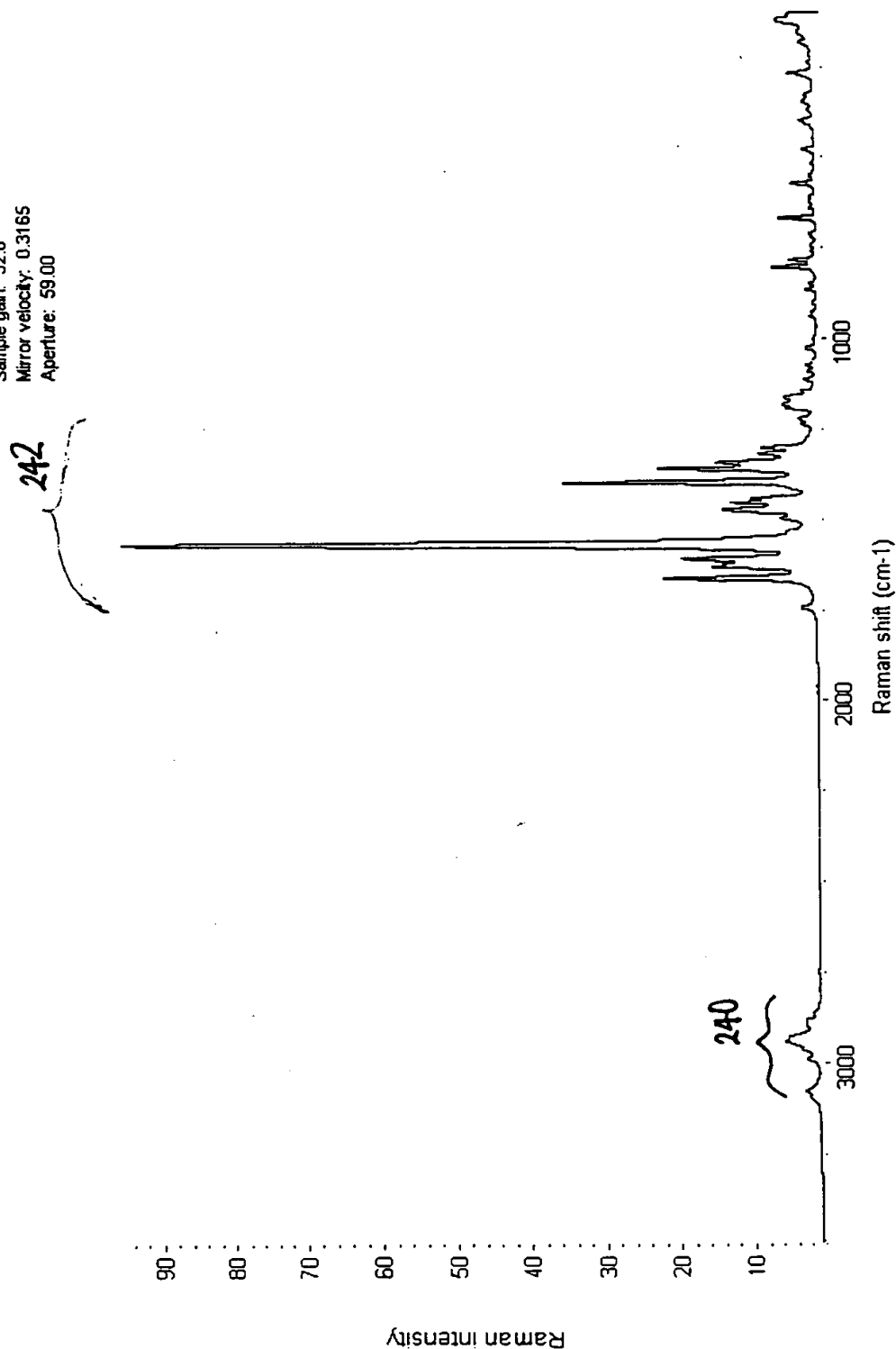


FIG. 24

2017-03-03 09:00:00

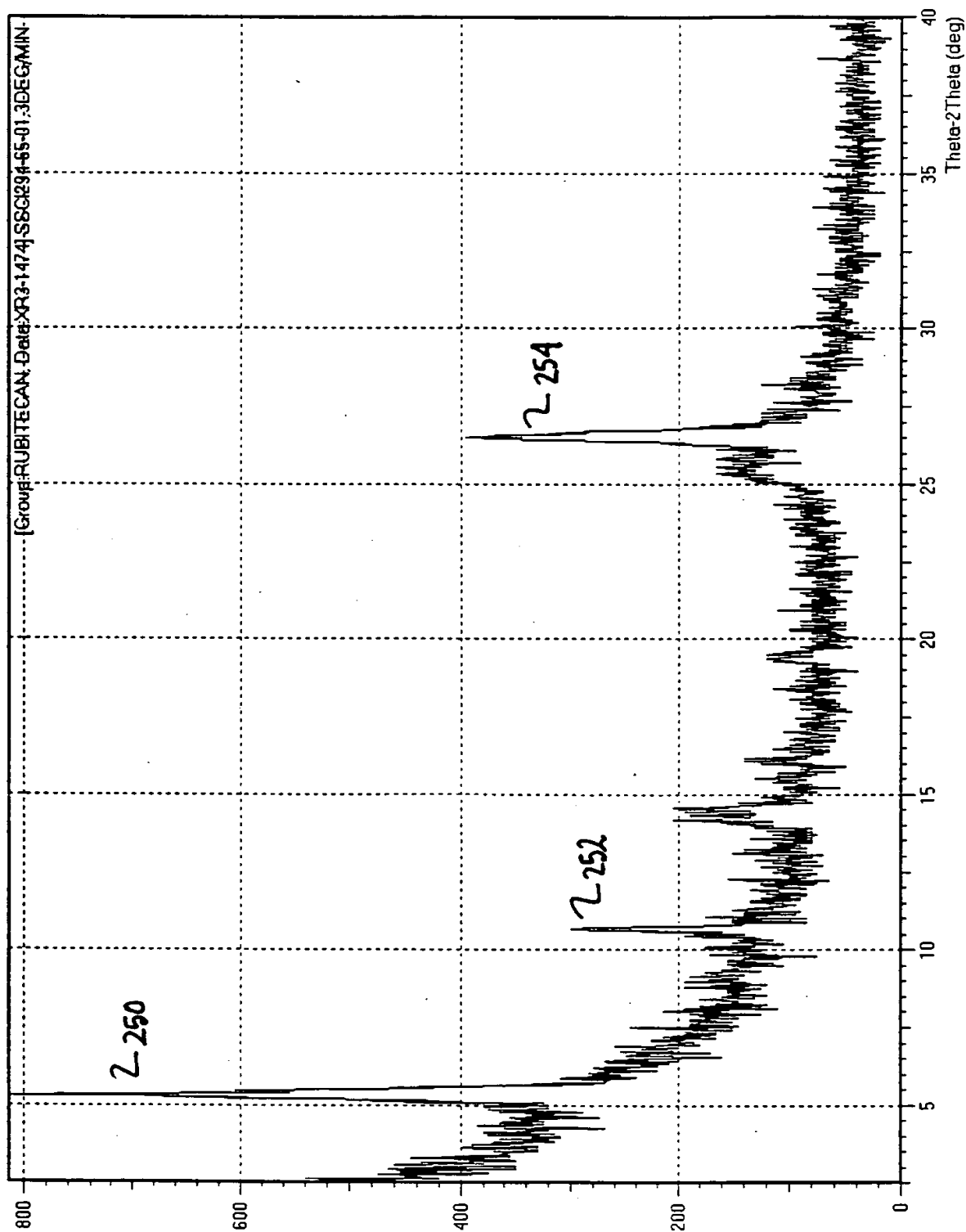


FIG. 25

ds2-432.dsc
tg2-423.tga

DSC (bottom) and TGA (top) of Rubitecan Form G.

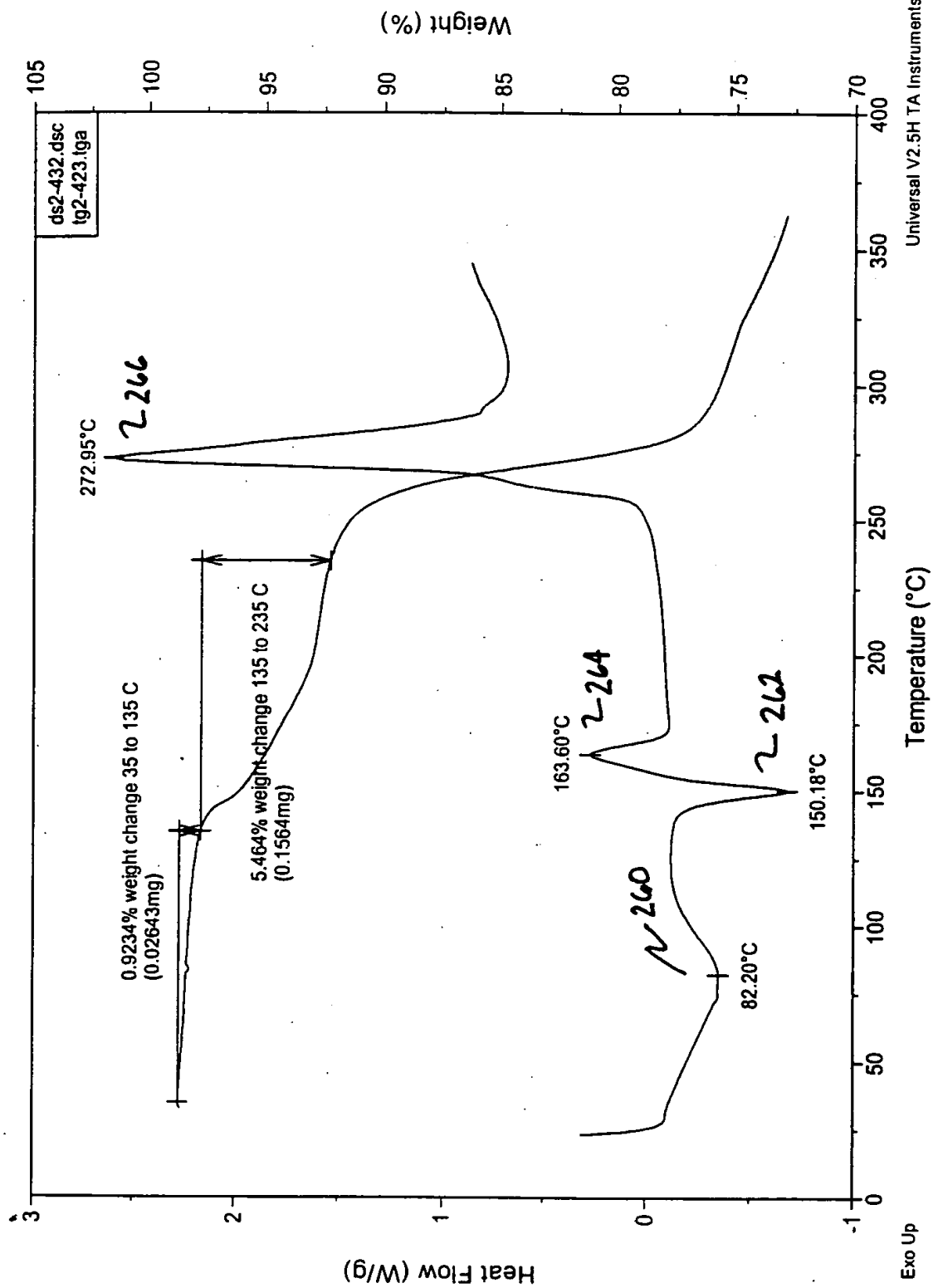


FIG. 26

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Thu May 18 20:28:17 2000
 Number of sample scans: 128
 Number of background scans: 128
 Resolution: 2.000
 Sample gain: 8.0
 Mirror velocity: 0.6329
 Aperture: 69.00

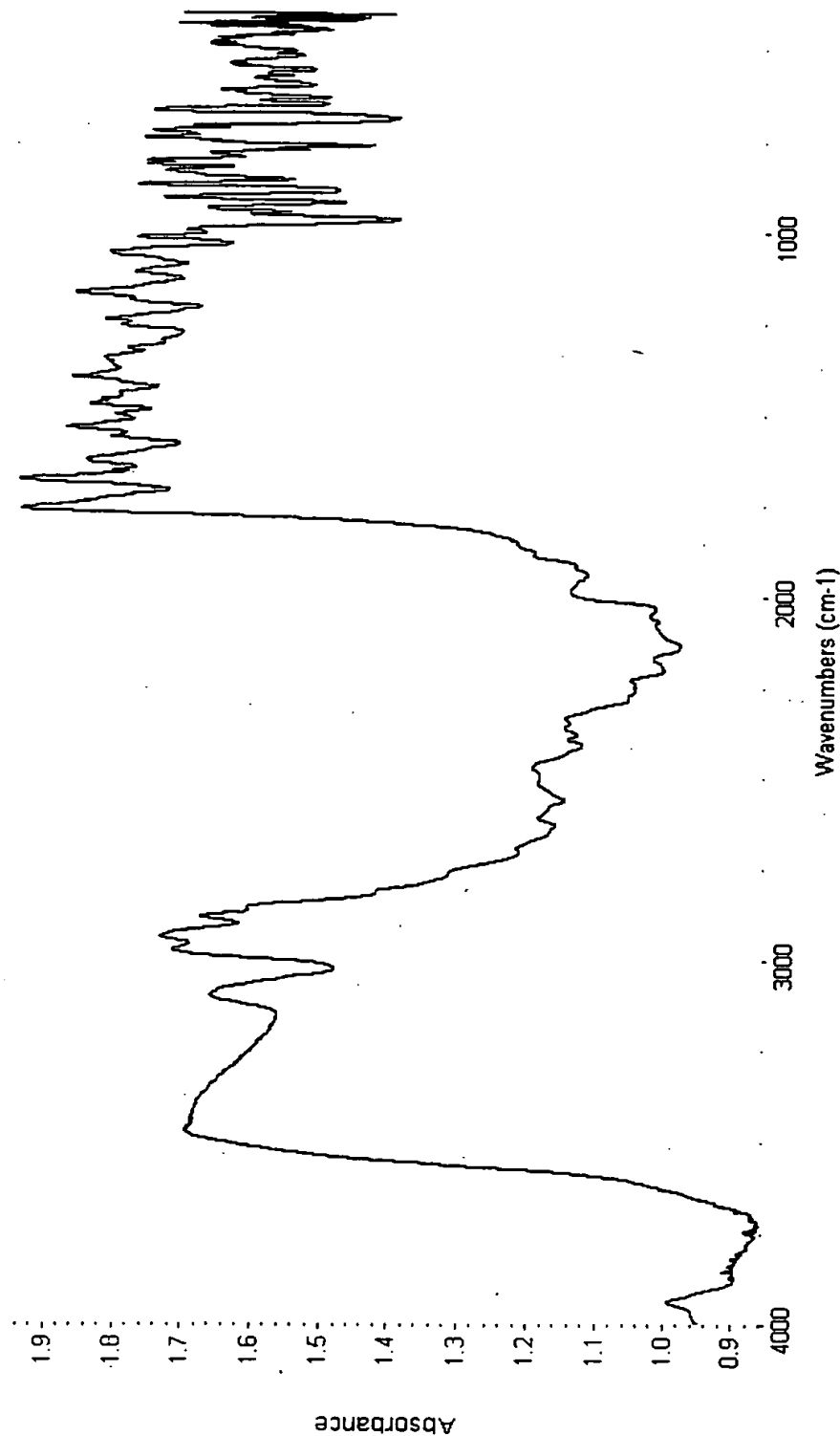


FIG. 27

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

Collection time: Thu May 18 21:09:50 2000
 Number of sample scans: 128
 Number of background scans: 0
 Resolution: 4.000
 Sample gain: 4.0
 Mirror velocity: 0.3165
 Aperture: 59.46

282

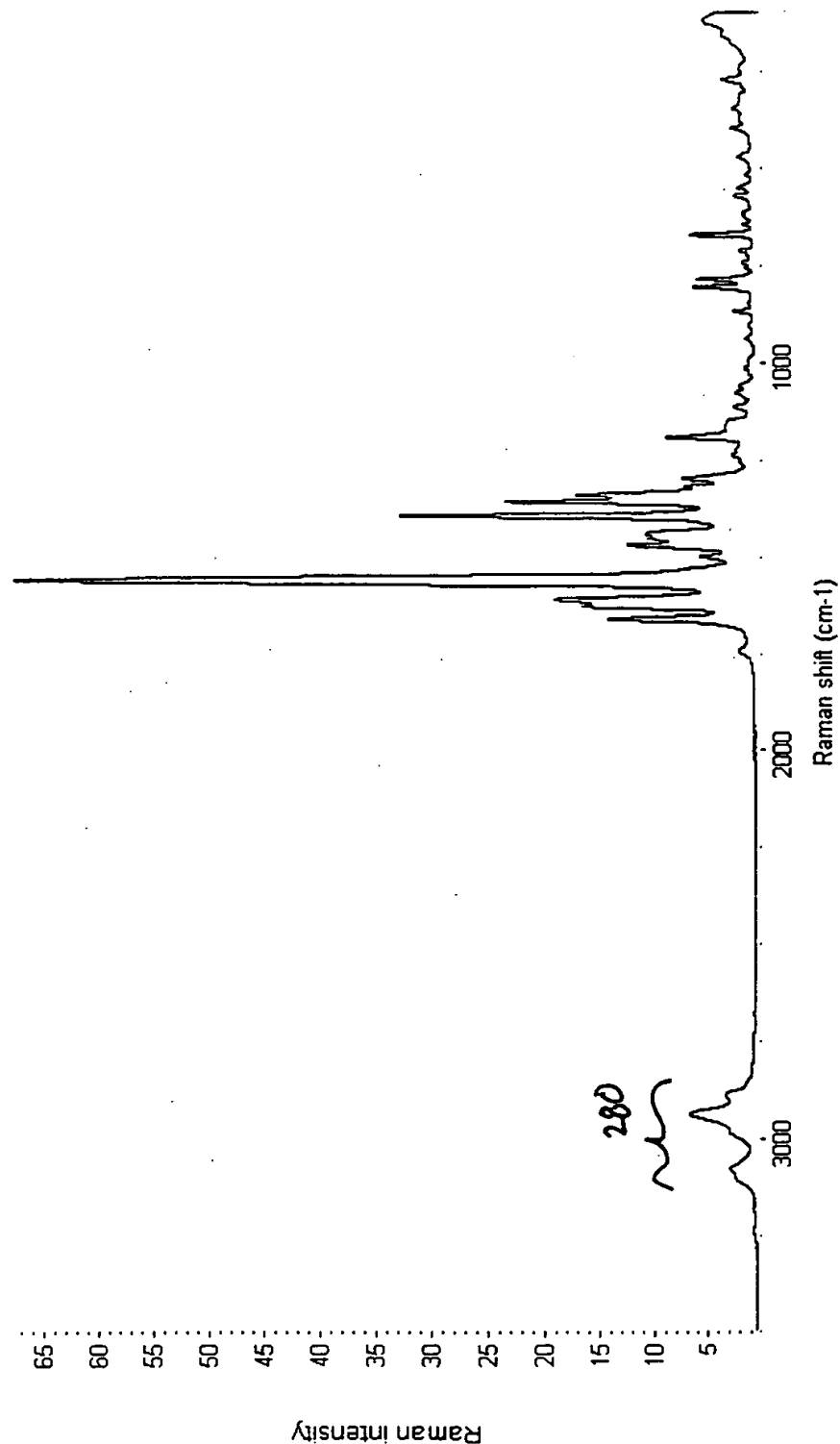
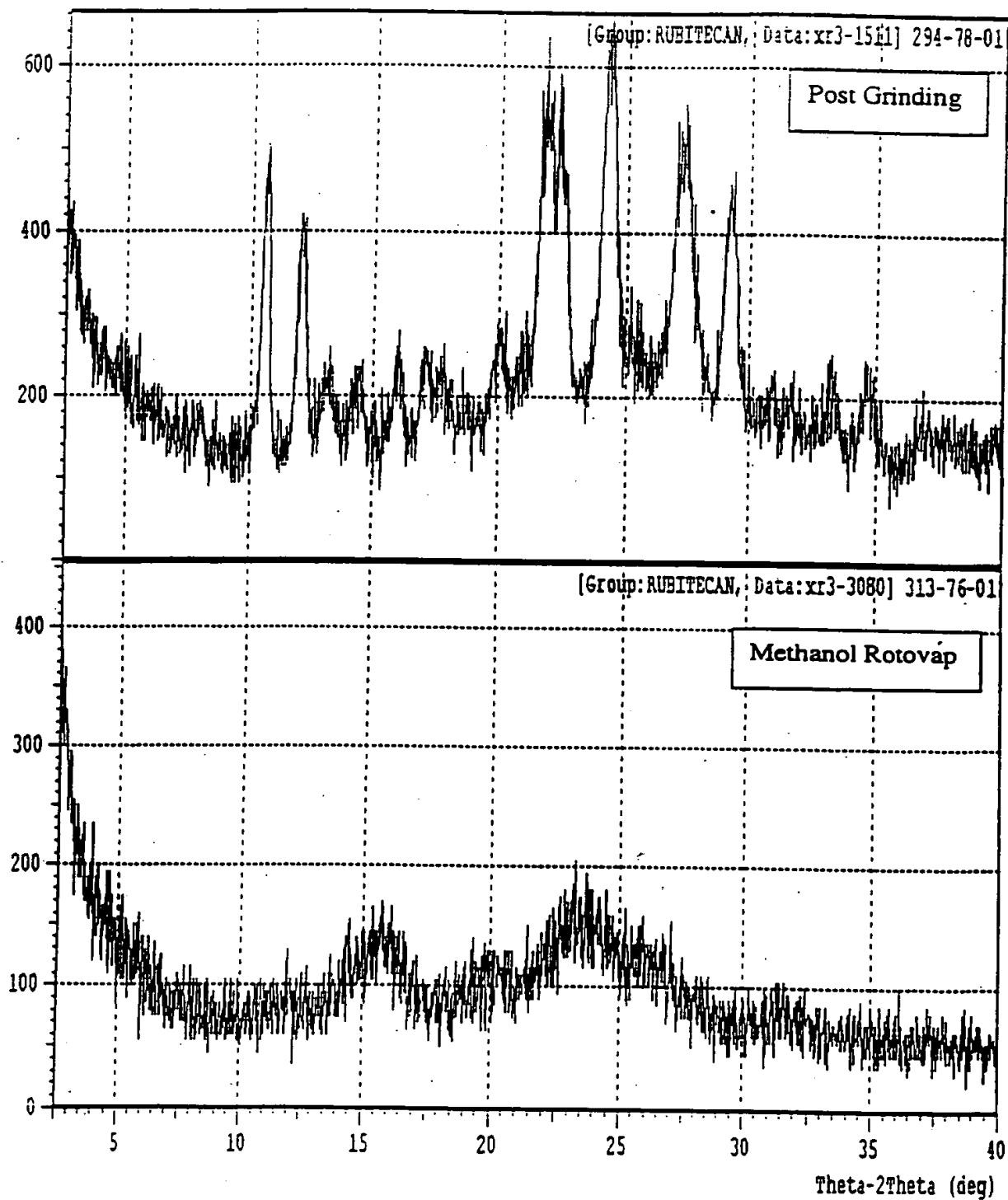


FIG. 28

*** Multi Plot ***



6.29